Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Volume 133 JANUARY 17, 1938 Number 3

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RECEIVED JAN 17 1938 LIBRARY THE CHEMISTS' CLUB

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 133 JANUARY 17, 1938 Number 3

British Tariff Bargaining Wide

More Than 1,000 Articles Including Many in Chemical Group of Industries Involved

OPDR Washington Bureau
January 10, 1938

A great number of chemical, oil, drug, paint, and dye materials and their products, and articles used or distributed by the chemical, oil, drug, and related industries are included in the list of more than 1,000 commodities which may be the subject of negotiations in the preparation of the pending British tariff bargain.

The list of articles on which the United States may grant import duty concessions which has been made public by the Department of State also contains machinery, metal products, textiles, clothing, wood products, and many other agricultural and manufactured articles, indicating that the contemplated agreement will be one of the most comprehensive in the entire series of "reciprocal trade agreement."

Interested parties having any information to give the government regarding any articles on the list may submit briefs prior to February 19, and the Committee for Reciprocity Information will hold public hearings on the proposed agreement beginning March 14.

Sir Ronald Lindsay, British Ambassador to the United States, and Arnold E. Overton, second secretary of the British Board of Trade, have been named the principal representatives of Great Britain in the tariff bargain negotiations.

British Colonies Included

Although it was not disclosed in the preliminary notice, the formal announcement of negotiations states that the agreement will include not only the United Kingdom but also Newfoundland, and the British Colonial Empire, which includes the crown colonies, but not the dominions. While the trade of the United States with the crown colonies is relatively small, some of them are important suppliers of raw materials, such as palmkernel oil from the African Gold Coast.

The Department of State took pains to point out that not all the commodities on the list will be the subject of negotiations, but articles not on the list definitely will not be considered unless included in a supplemental list. The present list includes articles which are principally supplied by the United Kingdom or the British colonies and in which the

—Continued on page 37

Tax Bill Permits Equipment Buying

OPDR Washington Bureau
January 12, 1938

Representative William R. Thom, of Ohio, today introduced a bill (H.R.8927) to amend the undistributed corporation profits tax of 1936 to permit an allowance from the tax for sums spent for new machinery, apparatus, mechanical equipment, or similar articles or industrial and agricultural capital equipment purchased between Jan. 1, 1938 and Dec. 31, 1940, to replace machinery of a similar character which is thereupon scrapped.

Organic Solvents Toxicity Studied

As a first step in an investigation of the toxicity of industrial organic solvents, a special committee of the British Medical Research Council, appointed in 1935 at the request of the Home Office, has had a compilation made of data published on this subject up to the end of 1935. This compilation, prepared by Dr. Ethel Browning, comprises extracts from the available literature on the effects of various organic solvents on men and lower animals.

Citing the necessity of conducting experiments to determine toxicities on animals, the committee points out the impossibility of correlating the results with the effects to be expected from the influence of these substances on man, but makes the point that relative toxicities have an applicable indication. In this connection is mentioned the finding that, tested on mice, the mono-normal-butylether of ethyleneglycol was found to be five times as toxic as ethyleneglycol itself. But, as the *Chemical Trade Journal*, London, points out in commenting on the report, the information available prior to 1933 revealed only a low degree of toxicity of dioxan, which caused the deaths in that year of five workers in a rayon plant, the occurrence that led to the appointment of the investigatory committee.

The report deals with eight main groups of solvents — hydrocarbons, chloro compounds, alcohols, esters, cyclohexane derivatives, ketones, gly-

—Continued on page 32

Drug Ad Control Vested In F.T.C. by House Vote

OPDR Washington Bureau
January 13, 1938

The house yesterday passed the Wheeler-Lea bill (S.1077) to enlarge the general powers of the Federal Trade Commission and to give it specific jurisdiction over advertising of foods, drugs, cosmetics, and (therapeutic) devices.

The bill was passed by a standing vote of 107 to 10 after some three hours of debate during which the house rejected all proposed amendments except one to provide that the penalties for false advertising shall not be applicable to products properly labeled under the meat inspection act. With this exception the bill was passed in the form in which it was reported by the house committee on interstate and foreign commerce last August.

The bill passed the senate March 29, 1937, without specific reference to food, drug, and cosmetic advertising, and the new sections on this subject added by the house committee were in general lifted from pending bills to revise the food and drugs acts but which would have given jurisdiction over such advertising to the Food and Drug Administration of the Department of Agriculture. The house committee also rewrote the other sections of the senate bill pertaining to the general powers of the Federal Trade Commission but without making material changes in their intent.

Senate Action Deferred

The bill was called up in the senate today by Senator Burton K. Wheeler, chairman of the committee on interstate commerce, and sponsor of the measure in the upper chamber. He asked unanimous consent to agree to the house amendments, which would have sent the bill directly to the President for signature, but this was objected to by Senator Tom Connally of Texas and Senator Royal S. Copeland of New York. Senator Copeland, who has championed giving jurisdiction over food and drug advertising to the Department of Agriculture, declared that he wished time to discuss the house amendments. Senator Wheeler said that he will be out of the city for a week or more but will again call up the bill when he returns. Continued objection by Senator Copeland would send the bill to conference, but the senate conferees would be the ranking members of Senator Wheeler's committee and would not include Senator Copeland, who is chairman of the commerce committee, a separate group.

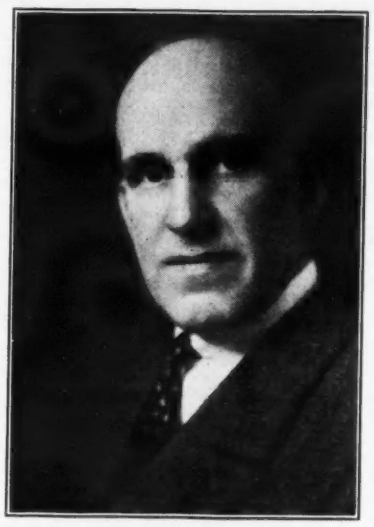
The principal addition made in the general powers of the Federal Trade Commission is to give it jurisdiction over unfair or deceptive acts or practices in commerce. Heretofore the commission has had jurisdiction over only unfair methods of competition in commerce. Officials of the commission contend that the new language does not widen the scope of this jurisdiction materially but simply makes it no longer necessary to prove direct injury to competitors in order to sustain a case.

Other sections of the bill as passed by both the senate and the house will speed up the commission's procedure and tighten enforcement of the law. A cease and desist order will become final within sixty days unless in the meantime petition for review is filed with a circuit court of appeals. At present there is no time limit for an appeal. There is also a civil penalty of not to exceed $5,000 for violation of a cease and desist order which has be-

—Continued on page 45

Rockwell President Of National Lead

Fletcher W. Rockwell was elected president of the National Lead Company at a special meeting of the board of directors, January 12. Mr. Rock-



Fletcher W. Rockwell

well was formerly vice-president in charge of production and he succeeds Fred M. Carter, who resigned, but remains a director of the company.

Mr. Rockwell is sixty-one years old and a native of St. Louis, Mo. His father, Fletcher W. Rockwell, was one of the founders and original incorporators of the National Lead Company and

—Continued on page 37

Cuban Drug Control Threatens U.S. Trade

Rigid restriction of imports of pharmaceutical products from the United States is seen by Cuban distributors in several measures for drug control that are pending in the department of health and the congress in that country. Among the provisions viewed with alarm is said to be a proposed imposition of a special tax of 20 percent on American pharmaceuticals, in addition to the actual customs duties and the actual sales tax of 1.5 percent on the gross price.

The proposed restrictions are alleged to be in contravention of the second paragraph of article VIII of the reciprocal trade agreement between the United States and Cuba, which was effected in August, 1934. With respect to the tariff schedule that includes pharmaceuticals, biologicals, drugs, chem-

—Continued on page 50

Wage-Hour Control Plans Revamped

OPDR Washington Bureau
January 12, 1938

Another attempt will be made to secure the enactment of a law regulating maximum hours and minimum wages in industry, it was decided today by the house labor committee.

The committee did not decide what form the bill will take, but will probably use as a basis the Black-Connery bill which was recommitted to it by the house in December. The prevailing disposition is to rewrite major portions of the bill and make it provide for a forty-hour week and a wage of 40 cents an hour, but with some machinery for granting exceptions to industries and localities which can show these limits to be injurious.

Dentifrice Tax Repeal Favored

OPDR Washington Bureau
January 14, 1938

Recommendations of the ways and means subcommittee on tax revision, made public today, include termination June 30 of several excise taxes and modification of several more in the interest of clarity and easier administration.

Excise taxes recommended for termination at the end of the current fiscal year include those on toothpastes and other dentifrices, toothwashes and mouthwashes, toilet soaps, chewing gum, cameras and lenses, brewer's wort, and malt syrup. All these would expire June 30, 1939, under the present law.

Taxes on sales of crude petroleum, refined petroleum and gasoline recovered from natural gas are also listed for repeal this June, all being 'Hot Oil" regulatory taxes; no change is recommended in petroleum import taxes. The Federal gasoline tax and other excise taxes are not listed for change, but the committee said the temporary character of these taxes should continue to be recognized.

The subcommittee also recommends that the flat tax of 2 cents per pound on oilseeds be changed to the following rates to make them more closely compensatory with the taxes on the respective oils and oilcakes:—

	Cents per lb.
Hempseed	1.12
Kapokseed	0.73
Perillaseed	1.31
Rapeseed	1.51
Sesameseed	1.05

It is also recommended that the tax on articles containing 10 percent of organic fats be changed to exclude articles containing fats as a natural component never separately existing as an oil or a grease.

A change is recommended with respect to the cosmetics tax to apply it to the person who packs the article and to include a charge for the container in the taxable price in order to clarify the tax and to prevent avoidance.

The full committee on ways and means will open hearings Saturday on these and many other tax recommendations made by the subcommittee. The first hearings will be conferences with experts of the Treasury Department. These will be followed next week by representatives of industries that ask to appear.

Closing Market Developments

London Closing Cable

London, January 14, 1938.

Quicksilver was quoted at £12 17s per flask.

Animal Organics Up

Dried blood sold at $3.10 per unit in New York, an advance of 10c. over the preceding sale and at this writing was difficult to obtain at $3.15 per unit. Supplies of tankage were cleaned out of the local market Friday at $3 and 10c. per unit-ton, a boost of 10c. per over earlier sales.

Tin Salts Steady

Tin salts continued steady at the close of the week. Tin crystals were 34c. to 34½c. per pound; anhydrous tetrachloride of tin, 21½c. per pound. Soda stannate, 28½c. to 31½c. per pound. Straits tin was quoted at 41¾c. per pound.

Black Copper Oxide Up

Price for black copper oxide has been advanced ⅜c. per pound at 15⅜c. to 15½c. per pound, according to quantity. The advance in electrolytic copper was accountable for the higher prices.

Tallow Higher

Tallow was strong late in the week, further large sales being reported on Friday at 6¾c. per pound for extra, delivered. Western and Eastern soapers were reported as the principal buyers, their takings for the week being estimated at more than 5,000,000 pounds. Tallow futures were stronger on the New York Produce Exchange, March selling on Friday at 6.75c.

Foreign Trade Rules

Agricultural Products.—France has established import quotas for the first quarter of 1938, with the global quotas and allotments to the United States being substantially the same as for the first quarter of 1937.

Ammonia Sulphate.—Netherland India has continued quota restrictions for one year.

Calcium Hydrochlorides.—Brazil has imposed an import duty of 1,000 milreis per net kilo.

Chlorine.—Brazil has established an import duty of 1,000 milreis per net kilo.

Copper Sulphate:—Switzerland has placed a 30.00 francs per 100 kilos export duty on copper sulphate.

Gasoline:—Panama has increased the import duty on gasoline from 9c. to 10c. per gallon, effective January 1, 1938.

Gasoline:—A Uruguayan decree provides that tourist airplanes are entitled to be supplied with gasoline and lubricants necessary for their use without the payment of import duty.

Logwood:—Haiti has continued the exemption of logwood and logwood roots from the payment of export duty for another year from January 16, 1938.

Molybdenum.—France has established an import rate of 80 percent ad valorem on molybdenum, in ingots, bars, wire or powder. The minimum rate is 45 percent ad valorem.

Nitrocellulose Lacquers.—Greece has provided for extra import quotas for nitrocellulose lacquers, amounting to 5,500,000 drachmas.

Packing Toxic Substances.—Colombia requires that poisonous and toxic substances imported must be packed in hermetically sealed metal containers and with a maximum weight for each filled container not to exceed fifty kilograms.

Rare Metals.—France has established import tax of 60 percent ad valorem on boron, chromium, manganese, silicon, tantalum, titanium, uranium, vanadium, etc., minimum rate 15 percent.

Boody Opens Chicago Office

Irving R. Boody & Co., this city, is opening an office in the Bankers building, 105 West Adams street, Chicago, to conduct a brokerage business in vegetable oils, fats, and greases. The new office will be officially in operation January 18. It will be managed by William M. Mills, vice-president of the company. The telephone is Central 5060.

Chemical Price Trend Indefinite

There were a large number of price changes in the markets for heavy and fine chemicals last week, but they were so closely divided between advances and reductions that the effect on the general average was not appreciable. In the fine chemical division the changes were indicative of weakening; they chiefly affected mercurials and organic solvents. The price of carbon black was again reduced, the situation there being something of a "vicious circle."

Demand showed some improvement, especially for heavy chemicals. Buying was not, however, extended beyond immediate needs to replenish stocks. Reviving activity in important consuming circles improved the sentiment.

Prices were advanced on electrolytic copper, commercial red oxide of copper, pig lead, red lead, litharge, nitrate of strontium, metasilicate and hyposulphite of soda, methyl acetate, gum rosin, gum turpentine, pine pitch, Japanese sardine meal, domestic tankage, and dried blood at Chicago. Prices were reduced on carbon black, oxide of antimony, antimoniate of soda, red and yellow oxides of mercury, calomel, corrosive sublimate, white precipitate, cadmium metal, diethyleneglycol, diethanolamine, monoethanolamine, ethylmethyl ketone, isopropyl alcohol, tricresyl phosphate, menthol, Singapore dammars, and gum thus.

The REPORTER's composite index number of prices for heavy and fine chemicals was not appreciably changed, standing at 126.9 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.8, against 89.0 at this time last year.

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Paint Technicians Of South Meet Jan. 28

The Southern States Federation Associates will hold its fourth annual meeting in the Jung hotel, New Orleans, January 28 and 29. Officers and committees will be elected. Dr. Henry A. Gardner, of the Institute of Paint and Varnish Research, will discuss "Southern Culture of Various Drying Oils." E. V. Ladd, president of the Federation of Paint and Varnish Production Clubs, will be a guest speaker. A. P. Mills, of the De Soto Paint & Varnish Company, Memphis, Tenn., chairman, has announced the following tentative program:—

Friday, January 28

Morning Session: 9:30 o'Clock

Introduction of the president of Federation of Paint and Varnish Production Clubs, E. V. Ladd.

Report of chairman of charter membership committee, by Raymond A. Perry.

Report of nominating committee, by E. M. Fairbrother.

Election of officers.

Address, "Southern Culture of Various Drying Oils," by Dr. H. A. Gardner, of the Institute of Paint and Varnish Research.

Address, "Practical Brightness Photometer," by J. W. Ayers, of the George S. Mepham Corporation.

Address, "The Microscope in the Paint Laboratory," by H. L. Beakes, of the Kentucky Color & Chemical Company.

Afternoon: 2:00 o'Clock

Address, "New Concepts of Fundamental Causes of Paint Perishing," by John R. McGregor, of the John R. McGregor Lead Company.

Round table forum, Southern States Federation Associates members.

Address, "Mildew Prevention," by W. F. Hoffman, of the Dallas-Fort Worth Production Club, Dallas, Texas.

Evening

Banquet and entertainment.

Saturday, January 29

Morning Session: 9:00 o'Clock

Address, "A Paint Man's Camera," by K. J. Keating, of the General Paint Corporation, Tulsa, Okla.

Address, "Center Line Paint Formulation," by A. L. Zinser, of the State Highway Department, Austin, Tex.

Address, "Production of Drying Oils," by S. O. Sorensen, of the Archer-Daniels-Midland Company, Minneapolis.

Address, "House Paint Primer Formulation," by D. W. Robertson, of the Titanium Pigments Corporation.

Address, "Methods of Processing Modified Phenol Formaldehyde Resins and Oils to Secure Better Solubility," by C. F. Pickett, of the Resinous Products & Chemical Company.

Paint Foreign Trade Balance Favorable

Exports of paints and paint materials, including pigments by the United States totaled $1,550,700 in November, which was approximately 10 percent above the $1,413,000 reported in November, 1936, according to C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce.

November exports of lacquers increased from 94,000 to 137,000 gallons; and ready-mixed paints from 147,500 to 164,000 gallons. Exports of varnishes declined from 43,600 to 34,000 gallons. Exports of carbon black increased from 13,000,000 to 15,000,000 pounds.

Imports of paint material were generally downward in November. Compared with the same month of 1936, receipts of flaxseed declined from 2,706,500 to 1,773,650 bushels; imports of tung oil at 6,368,670 pounds were slightly less, and varnish gums at 4,817,000 pounds were about the same as in November, 1936.

Fertilizer Conference To Be Held January 21

The Fertilizer Manufacturers' and Dealers' conference will be held January 21 at the New Jersey Experiment Station, New Brunswick, N. J. The conference is sponsored by the National Fertilizer Association; the New Jersey State College of Agriculture, and the New Jersey Agricultural Experiment Station. Dr. William H. Martin, director of research at the New Jersey Agricultural Experiment Station, will act as chairman at the sessions. The program follows:—

Morning Session

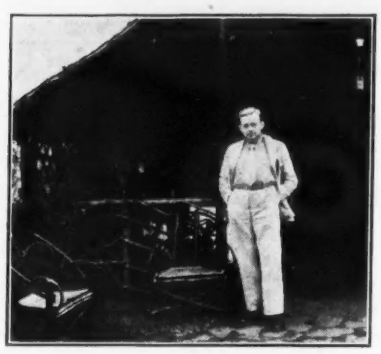
10:00—Welcome, by J. G. Lipman, director of the New Jersey Agricultural Experiment Station.

—*Continued on page* 31

Guenther Completes Essential Oils Survey

Dr. Ernest S. Guenther, chief research chemist for Fritzsche Brothers, Inc., essential oils and aromatic chemicals, this city, has returned after an absence of eight months during which time he stopped at the company's plant in Seillans, France, visited several other European countries, and made two extensive journeys to western and eastern Africa. During his trip he covered nearly 30,000 miles, half of which he traversed by air.

Dr. Guenther left New York last May aboard the "Rex." He went first to Seillans to supervise production of natural flower oils and to oversee construction of the additions being made to the company's plant. Early in June he was joined by Ben F. Zimmer, vice-



Dr.E.S.Guenther in Kenya Hunting Camp

president of Fritzsche Brothers, and together they drove through Switzerland, Germany, and Italy, thence back to Seillans.

In early July, after consulting with the French Colonial Administration in

—Continued on page 50

Fair Trade Acts Opinions Compiled

The National Wholesale Druggists' Association has had a compilation of judicial opinions on State fair trade acts compiled by its counsel, Clarke & Allen. This compilation, edited by W. F. Allen, is entitled, "Opinions in Cases Involving State Fair Trade Acts, Correlation of Statutory Provisions, and Forms of Fair Trade Contracts." Its title is fully descriptive of the scope of the compilation, which is an informative commentary on the statutes of the fair trade type. An excerpt of the relevant provisions of the Federal statutes is included.

The compilation has been published as a paper-bound book of 156 pages. Copies may be obtained from the National Wholesale Druggists' Association, 330 West Forty-second street, this city, at $5 each.

Tydings Testimonial Dinner Set for Feb. 3

In recognition of his efforts towards securing enactment of the Federal fair trade act, United States Senator Millard Tydings, co-author of the law, will be given a testimonial dinner at the Lord Baltimore hotel, Baltimore, February 3. The affair, final details of which have not been completed as yet, is sponsored mainly by drug trade interests of Maryland, Delaware and the District of Columbia.

E. Ellsworth Ragland, president of the Baltimore Retail Druggists' Association, is chairman of the committee on arrangement, with W. Scott Walb acting as vice-chairman. Among the other members of the committee are:—Thomas S. Smith, president of the National Association of Retail Druggists; Thomas S. Donaldson, president of the Delaware Pharmaceutical Society; A. L. Suter, president of the District of Columbia Druggists' Association; H. H. Goldscheider, president of the Travelers' Auxiliary of the Maryland Pharmaceutical Association; Edward S. Muth, president of the Baltimore Drug Exchange; Robert L. Swain, president of the Maryland Pharmaceutical Association; Simon Solomon, chairman of the Maryland Fair Trade Committee; Harry W. Walker, secretary-manager of the Retail Food Distributors of Maryland; and John A. Strevig, president of the Alumni Association of the School of Pharmacy, University of Mayland.

Bribery a Crime In Patman Bill

OPDR Washington Bureau
January 12, 1938

A bill (H.R.8929) to make commercial bribery a criminal offense was introduced in the house today by Representative Wright Patman, of Texas.

Although commercial bribery has generally been considered an unfair method of competition within the meaning of the Federal Trade Commission act, the Patman bill specifically makes it such and in addition makes it a Federal offense punishable in the courts by a fine of not more than $3,000 or imprisonment for not more than two years.

The bill makes it unlawful to give anything of value to an agent or member of the family of an agent of another as an inducement for showing favor or disfavor in relation to the affairs of his principal or employer. Receipt of such a gift is also made an offense.

Inflammables Trucking Relief Plans Laid

A committee whose purpose it will be to investigate possible means of overcoming the inconvenience and difficulty entailed currently in the shipment of explosive, inflammable, and other dangerous commodities between this city and New Jersey was authorized at a gathering of approximately one hundred representatives of manufacturers and truckers of the items affected, held in the Winfield Scott hotel, Elizabeth, N. J., January 12.

The meeting was held under the auspices of the Elizabeth Chamber of Commerce, with Henry L. Elwell, of Elwell, Phillips & Co., traffic consultants, chairman of the transportation committee of the chamber of commerce, presiding.

The committee chosen consists of A. L. Rice, business manager for the New Jersey Motor Truck Association, chairman; Robert Jackson, of the Fine & Jackson Trucking Corporation, Kearny; W. W. Davidson, of the Bayonne Chamber of Commerce; G. A. Schwab, of the automobile transportation department of the Atlantic Refining Company, Philadelphia; W. Machauer, secretary of the Weimar-Stewart Company, Elizabeth; J. L. Robert, traffic manager for the Barrett Company, and James J. Cullington, secretary of the Jersey City Chamber of Commerce.

This committee will investigate conditions fully and will consult with the operators of various transportation facilities between New Jersey and midtown and downtown New York city on the feasibility of establishing a convenient method of transportation restricted to vehicles carrying inflammables or other dangerous materials and other freight between these points. The findings of the committee will be reported at a meeting to be held as soon as the time required for the completion of the study permits.

The gathering also authorized another committee, which has been functioning for some time, to consult with governmental officials in an effort to clarify the interpretation of present regulations covering the interstate shipment of inflammable materials. The regulations prohibit the transportation of hazardous materials on ferryboats that carry passengers.

Phila. Drug Exchange Annual Dinner Jan. 27

The Philadelphia Drug Exchange will hold its annual dinner in the Bellevue-Stratford hotel January 27. A reception will precede the dinner, which is scheduled to be served at 7 p.m. The principal speakers will be S. David Wilson, mayor of Philadelphia; Frank F. Law, president of the exchange, and Powers Gouraud. Reservations are in charge of R. G. Anderson, of Merck & Co., 916 Parrish street, Phila., Pa.

Cosmetics and other toilet preparations that contain lead salts would be banned from sale in the Straits Settlements by the provisions of a law recently introduced in the federal council.

Lammot duPont States Views on Needs of Business

Elimination of the causes of uncertainty and development and maintenance of confidence, understanding, and industrial peace, were offered as the major essentials of improvement in the business situation by Lammot duPont, president of E. I. duPont de Nemours & Co., in a statement presented January 10 to the special committee of the United States Senate to investigate unemployment. Mr. duPont said that he spoke wholly out of experience as a manufacturer and did not aspire to recognition as an expert in economics.

Causative factors in the prevalence of uncertainty and reluctance, as Mr. duPont saw the picture, are lack of definite information on the amount or type of taxes, fear of higher prices resulting from the increasing public debt and uncertainty of the future value of money, the unprecedented number of strikes last year, and fear of further changes and extension of the legal regulations on business. He said that the capital gains tax deterred capital investment, and that the undistributed profits tax inhibited reinvestment of earnings. He declared that simplification of the tax law and changes in respect of these and certain other levies would relieve management of worries and give greater confidence in the future.

Industrial Relations

Effective cooperation of industrial management and wage-earners was one of the greatest requirements of the present situation, Mr. duPont said. He felt that this could not best be brought about by complicated legislation, but required the purposes and endeavors of industry itself in all three of its elements—capital, management, and wage-earners, saying with respect to the industrial economic producers:—

It is a co-operative process, in which the different elements should function harmoniously and usually do, labor and other troubles being the exception rather than the rule and indicating where they occur some defective working of the machine. In the du Pont company the prevailing spirit has been one of concord. We try to work together smoothly and effectively, and we believe we have satisfactory and mutually beneficial employee relations.

In addition to internal cooperation, Mr. duPont found industry and the general welfare in need of wide cooperation, including the public and the government, in an understanding that the main burden of re-employment must fall on industry, not on government. Business, he said, must reassure the public that its services are essential; that it is the source of general livelihood. He urged wide counseling, with recognition of the interdependence of all the elements of society and with forbearance and a spirit of cooperation.

Contributing factual evidence to the trend of employment, Mr. duPont said that the number of employees of the duPont companies in 1929 was 42,000. This fell to a low point of 28,000 in 1932, subsequently showing a continuous upward trend until it reached a peak of 59,800 in September, 1937. At the end of last year the employment figure was 51,600, he said, the number having decreased 14 percent in three months, but it still stood 24 percent above the 1929 level. And the 1937

—Continued on page 31

Chemical Importations Show Sharp Decline

Imports of chemicals, drying oils and related products into the United States totaled $14,400,000 in November, the lowest for any month of 1937, but approximately the same as in November, 1936, according to C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce.

Fertilizer materials imports were 50 percent above the receipts in November, 1936, totaling 150,650 tons, valued at $3,633,500. Imports of crude drugs, herbs, leaves and similar products totaled $1,269,000 during the month, against $489,500 in November, 1936. The gain in that group reflected heavy importations of pyrethrum flowers.

Other items on the chemical and related product list recording increases in November compared with November, 1936, included natural dyeing and tanning materials, receipts of which increased in value from $433,400 to $534,000; cod-liver oil from $293,700 to $331,000; firecrackers from $49,400 to $86,500; and industrial chemicals, from $1,669,000 to $2,000,000.

Monsanto Acquires Fiberloid Corporation

Edgar M. Queeny, president of the Monsanto Chemical Company, St. Louis, announced that the directorates of both companies had approved contracts providing for the acquisition of the assets of the Fiberloid Corporation, producer of plastic and moulding compounds, Springfield, Mass. The acquisition will be effected on an exchange basis of seven capital shares of the Monsanto company for twelve shares of the Fiberloid Corporation. Stockholders of the Fiberloid company are expected to ratify the sale at a meting February 16.

The Monsanto company has been the principal supplier of basic raw materials to the Fiberloid company, which was founded in 1892. The Fiberloid company, in partnership with the Shawinigan Chemical Corporation, Montreal, is engaged in the erection of a large plant at Springfield for the production of plastics of the vinyl acetate type. John C. Brooks, president of the Fiberloid Corporation will become a vice-president and director of the Monsanto Chemical Company. Mr. Queeny stated that no changes in the personnel, method of operations or policies of the Fiberloid company are contemplated.

Drum Specifications Change Before I.C.C.

OPDR Washington Bureau
January 10, 1938

The Interstate Commerce Commission has before it proposals of the Manufacturing Chemists Association to make certain changes in the specifications for steel drums for interstate shipment of dangerous liquids, following hearings before an examiner of the Bureau of Safety.

One proposal is that a welded closure be required for the I.C.C. 5 drum, a returnable drum used for liquids flashing below 80 degrees. This has been opposed by the American Flange & Manufacturing Company, which seeks to have the specification retain permission for use of a pressed-in closure. Briefs in the matter will be received by the commission up to February 7.

Another proposal made by the Manufacturing Chemists Association is that an I.C.C. 5-E non eturnable drum with an 18-gauge head and 20-gauge bodywalls be authorized for use for industrial alcohols and solvents.

Tankcars of Fusion Weld Authorized

OPDR Washington Bureau
January 10, 1938

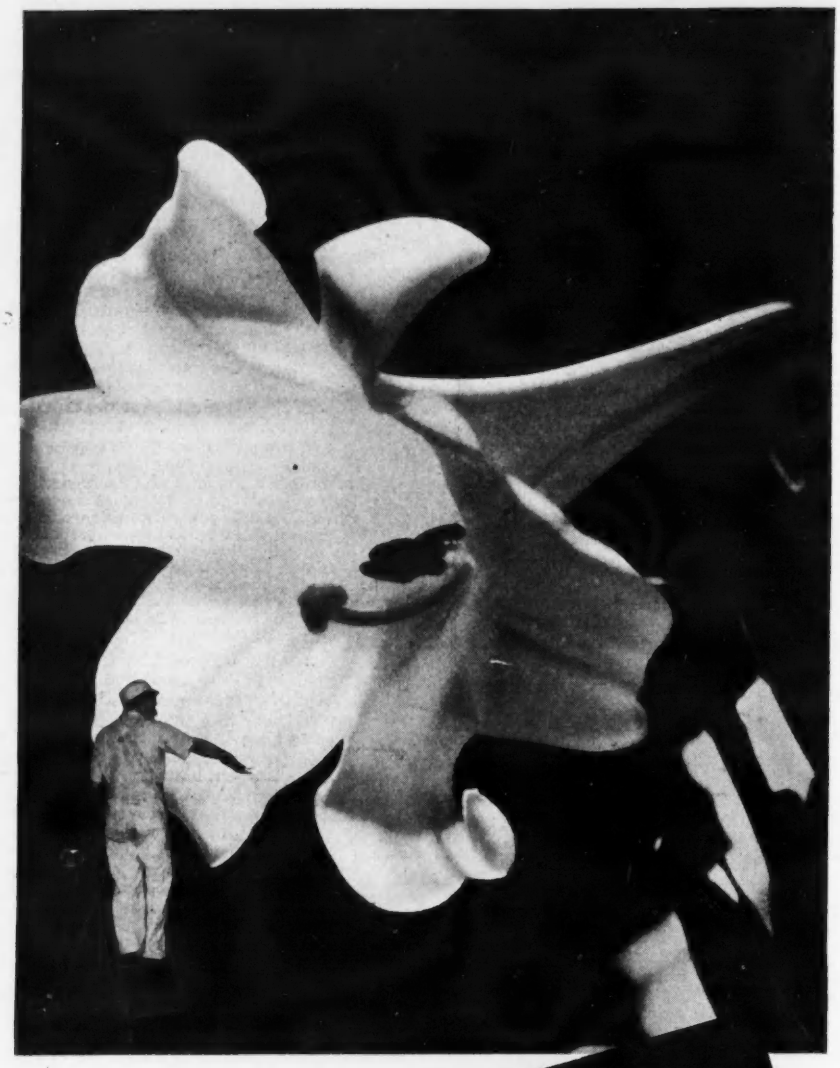
The Interstate Commerce Commission has granted authority for construction for experimental service in the transportation of explosives and other dangerous articles of 139 tankcars fabricated by fusion-welding. The applicants for the authority are the General American Transportation Corporation, E. I. duPont de Nemours & Co., the American Car & Foundry Company, and the Union Tank Car Company, and they propose to use the cars for transportation of caustic soda solution, nitric acid, anhydrous ammonia, and petroleum products.

The General American Transportation Corporation will construct five tankcars of I. C. C. specification 103 type, nickel-clad, for caustic soda. The cars will have a capacity of 10,000 gallons each, and will follow the specification except that the tank plates will be nickel-clad and the welds on the inside of tanks made with pure nickel welding rod, and the tanks will be fabricated by fusion-welding.

E. I. duPont de Nemours & Co. has been granted authority to construct twelve tankcars of I. C. C. specification 103-C type, of chromium steel, for

—Continued on page 51

We've Succeeded in "Painting the Lily"



or, in other words, we've produced a titanium dioxide (TITANOX-A, No. 168) with greatly improved characteristics...

Here is the Titanium Pigment Corporation's answer to the demand for a pigment of extreme whiteness, high tinting strength and chemical inertness which would combine with either alkyd or phenolic resin vehicles to produce brilliant white finishes free from discoloration and after-yellowing.

Exceptional whiteness is an outstanding characteristic which this new grade of Titanox-A contributes to baked alkyd finishes, phenolic resin varnishes suitable for quick-drying enamels and baked finishes, and to nitrocellulose lacquers.

Resistance to chalking on exterior exposure is an important quality of this improved pigment. Initial chalking is delayed by many weeks or even months beyond normal, and this betterment may be obtained without the use of corrective agents.

Our Service Department invites technical inquiry regarding this helpful titanium dioxide.

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TITANOX-A, No. 168 in both Medium Oil (M. O.) and Low Oil (L. O.) types, is available in fifty pound bags at no advance over the prices charged for regular Titanox-A.
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TITANOX
TRADE MARK

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Current Market Quotations

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When not otherwise indicated, quotations are f. o. b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works.....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works...lb. .43 - —
smaller lots, works.....lb. .48 - 1.00
tech., kegs, c.l., works.....lb. .32 - —
l.c.l., 1,000 lbs., works...lb. .38 - —
smaller lots, works.....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, bbls., 2,000 lbs.....lb. .30 - —
smaller lots.....lb. .31 - —
kegs, 2,000 lbs.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd. .....lb. .04¾- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg.....lb. 1.35 - —
smaller pkgs.....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
syn., al. dms., c.l.100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls., c.l..100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls., c.l.....100 lbs. 3.66 - 3.91
cbys .....100 lbs. 4.16 - 4.41
60%, bbls., c.l.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls., c.l.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43
Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.
Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11
l.c.l., dms., frt. alld.....lb. .12 - .12½
Acetylsalicylic, USP, bbls., 225 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .7e - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Ascorbic, bots., dms.....oz. 3.35 - 3.60
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .60
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 60 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - 5.70
Capric, dms.....lb. .13¼- .13½
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chlorosulphonic, dms., c.l., works...lb. .0650- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .06 - —
Chromic, 99%, dms., delvd. N.Y., lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .24 - —
kegs .....lb. .24½- —
gran., bbls.....lb. .24 - —
kegs .....lb. .24½- —
powd., bbls.....lb. .24½- —
anhyd., gran., dms.....lb. .26½- —
powd., dms.....lb. .27 - —
Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.
Clevve's, bbls.....lb. .50 - —
Coconut oil, dist., dms.....lb. .10¼- .10¾
Cottonseed oil, dist., dms.....lb. .0585- .0685
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis.....gal. .91 - —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled..gal. .92 - —
l.c.l., same basis.....gal. .94 - —
imported pale, 97-99, dms..gal. .90 - 1.00
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis.....lb. .11¼- —
Crotonic, dms., works.....lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over..lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l...lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l. lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .75 - .79
N. F., VI, bbls, 200 lbs., 5 or more..lb. .87 - —
single bbls.....lb. .90 - —
fib. dms., 25 lbs.....lb. .96 - —
kgs., 100 lbs.....lb. .91 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180- .1235
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys.....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls..lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works.....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¼- .11¼
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Laurent's, bbls.....lb. .45 - —
Linseed oil, carx or light, dms..lb. .1200- .1300
tanks .....lb. .1200- —
extra white, dms.....lb. .13¼- .13½
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 2.30 - —
fib. dms.....lb. 2.05 - 2.20
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit .....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls. .....lb. .18 - .19
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., U.S.P., dealers, cbys.lb. .06½- —
6-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dms.....lb. .15½- .16
white, redist., dms.....lb. .17 - .17½
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .95 - .97
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works..100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., U.S.P., dealers, cbys... lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0685- .0760
s. dist., dms.....lb. .0625- .0700
Perilla, dist., dms.....lb. .17 - .17½
Phenylacetic, bots.....lb. 1.85 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys. .....lb. .09 - —
USP, 85%, s. g. 1,710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs. .....lb. .15 - —
50% s.g., 1247, cbys., 70 lbs., lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works .....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works .....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .38 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls. .....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09½
Stearic, distil., double pressed, bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd..lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs., dlvd..lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .15
Succinic, bbls. .....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
C.P., U.S.P., dealers, cbys.. lb. .06¼- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.lb. .88 - —
100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .24¼- —
smaller quantities.....lb. .24¾- —
kgs. .....lb. .25¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. No prices
tech., kgs. .....lb. No prices
Aconite, leaves, bls.....lb. .30 - .32
Root, bls.....lb. .35 - .36
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .06 - .09
cryst., bots.....oz.80.00 - —
vls. .....gr. .09 - .11
Adepa, lanae, anhyd., dms....lb. .17½- .18
hyd., dms.....lb. .16 - .18
Agar, 1, bls.....lb. 1.00 - 1.05
2, bls.....lb. .95 - 1.00
3, bls.....lb. .68 - .70
Agaric, white, bls.....lb. 3.20 - 3.25
Albumen, blood, dark, flake, bgs., c.l., f.o.b. Chicago, frt. alld..lb. .11 - —
l.c.l., bgs., same basis..lb. .13 - .15
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, Chicago....lb. .16 - —
light, dom., flake, dms., Chicago..lb. .53 - .60
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 Nom.
import, cs.....lb. .85 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Benzyl, cans.....lb. .63 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
coml., dms.....lb. .96 - —

Acacia—Alum

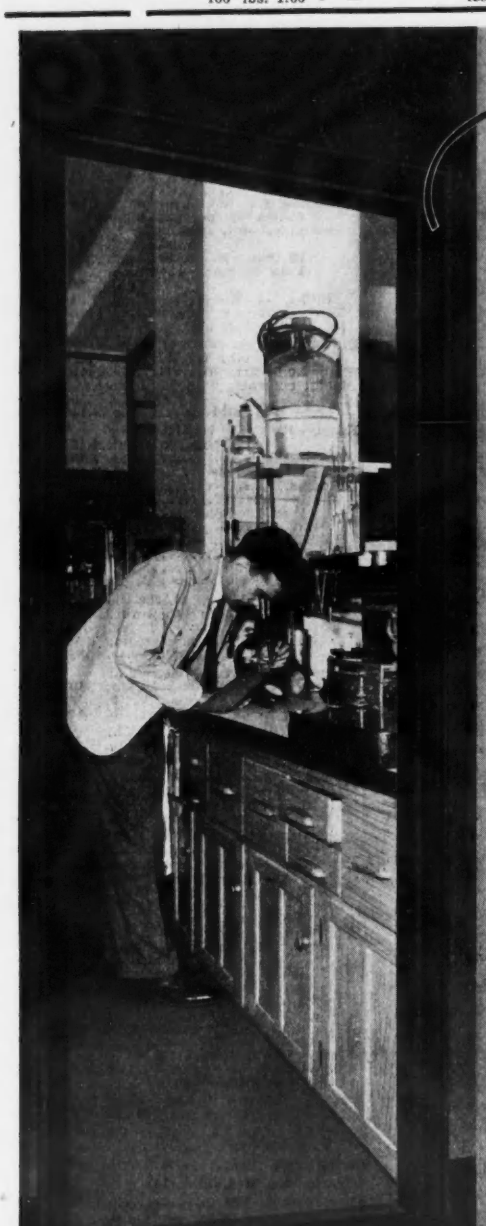
Alcohol, cetyl, import, 85%, dms. 100 lbs. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E..gal. .35 - —
l.c.l., works, dms., dealer and industrial accounts. gal. .40 - —
jobber accounts...gal. .38 - —
tanks, E., works.....gal. .29 - —
Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
19 bbls., E. works...gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works....gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —
Anhydrous, 5c. per gal. higher.
SD23-G, works, E., dms., c.l., gal. .87½- —
19 dms.....gal. .89½- —
1 to 18 dms.....gal. .42½- —
tanks .....gal. .31½- —
Prices for territories other than E. of Rockies, 3c. per gal. higher.
Special solvent, dms., c.l., E. works..gal. .34 - —
20 dms., E. works...gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works.....gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tech., contract, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.13 - —
19 bbls.....gal. 4.15 - —
1 to 18 bbls.....gal. 4.18 - —
dms., c.l.....gal. 4.12 - —
19 dms.....gal. 4.14 - —
1 to 18 dms.....gal. 4.17 - —
tanks .....gal. 4.06 - —
absolute, dms., c.l.....gal. 4.42 - —
19 dms.....gal. 4.44 - —
1 to 18 dms.....gal. 4.47 - —
Grain alcohol 45c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .10 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, refd., 91% dms., c.l., f.o.b. dest..gal. .36 - —
l.c.l., same terms...gal. .41 - —
tanks, same terms....gal. .31 - —
98%, dms., c.l., same terms, gal. .41 - —
l.c.l., same terms....gal. .46 - —
tanks, same terms....gal. .36 - —
tech., 91%, dms., c.l., same terms..gal. .33½- —
l.c.l., same terms....gal. .38½- —
tanks, same terms....gal. .28½- —
98%, dms., c.l., same terms, gal. .37½- —
l.c.l., same terms....gal. .42½- —
tanks, same terms....gal. .32½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .45 - .50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. No stocks
Curacao, cs.....lb. .85 - .90
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .60 - .62
Aloin, 140-lb. bbls.....lb. 2.00 - —
100-lb. kegs.....lb. 2.02 - —
25-lb. fib. dms.....lb. 2.09 - —
Alphanaphthol, bbls.....lb. .53 - —
Alphanaphthylamine, bbls.....lb. .52 - —
Althea root, cube cut, bls.....lb. .50 - .55
Alum, ammonia, burnt, USP, bbls. kgs..lb. .10 - .12
gran., bbls., works....100 lbs. 3.00 - 3.05
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry L.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.50 - 3.75
dlvd. N.Y., Phila...100 lbs. 3.65 - —

Alum—Amyl Acetate

Alum, potash, powd., bbls., works. 100 lbs. 3.63 - 3.90
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Alum, potash-chrome, bbls....lb. .06½- .06¾
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, C.P. 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
Alumina, sulphate, comm'l, bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works... 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
truckloads, bgs.....100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63 - —
5,000 lbs., same basis..lb. .64 - —
1,500 lbs., single shipt., same basis..lb. .65 - —
On 1,500-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 1,500-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.
Aluminum, paste, ink, dms., 30,000 lbs. same basis..lb. .73 - —
6,000 lbs., same basis...lb. .74 - —
1,500 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .41 - —
5,000 lbs., same basis...lb. .42 - —
1,500 lbs., single shipt., same basis...lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90 - —
5,000 lbs., same basis..lb. .91 - —
1,500 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55 - —
5,000 lbs., same basis..lb. .56 - —
1,500 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis, lb. .41 - —
5,000 lbs., same basis.lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45 - —
5,000 lbs., same basis..lb. .46 - —
1,500 lbs., single shipt., same basis..lb. .47 - —
split shipts. (see note fine lining paste).
Aluminum, powd., litho, standard dms., 30,000 lbs., same basis..lb. .40 - —
5,000 lbs., same basis..lb. .41 - —
1,500 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41 - —
5,000 lbs., same basis..lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
rubber comp., dms., 30,000 lbs., same basis..lb. .38 - —
5,000 lbs., same basis..lb. .39 - —
1,500 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste).
unpolished, dms., 30,000 lbs., same basis..lb. .35 - —
5,000 lbs., same basis..lb. .36 - —
1,500 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste).
varnish, extra brilliant, dms., 30,000 lbs., same basis.lb. .41 - —
5,000 lbs., same basis..lb. .42 - —
1,500 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45 - —
5,000 lbs., same basis..lb. .45 - —
1,500 lbs., single shipt., same basis..lb. .47 - —
split shipt. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .40 - —
5,000 lbs., same basis.lb. .41 - —
1,500 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs., lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, kgs.....lb. .26 - .33
Aldehyde, dms. .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05½
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls, lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal).
U.S.P., gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms. .....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls. .....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls, ...lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls. .....lb. .17 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms. .....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - —
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 18% phos., bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .15 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 6 mos., Jan.-June. ton. 28.50 - —
Ammonia sulphate contracts any 1-5 mos., through June, 1938, $1 per ton additional; spot prices $1 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.
Sulphide, liquid, 35-40%, basis 100%, dms,, works..lb. .12 - .15
tanks, delvd. .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs. .....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray, dom,, bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, works..100 lbs. 5.00 - 5.05
import, csks. .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt., alld.....lb. .12 - —
tanks, works .....lb. .10½- —
ex pentane, dms., frt. alld.lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —



The Door Is

OPEN...

Creating new carbon blacks to solve specific problems of manufacturers has been the role of our company for more than half a century. Basically, that is the reason for the long line of nine "blacks for every purpose." Each one represents a satisfactory solution to an individual manufacturing problem. But the end is by no means in sight. New vehicles, new machinery, new methods constantly provide new matters difficult to solve. For all such, the doors to the Binney & Smith Co. Service and Control Department are open. You do not have even to pull a latch-string.

BINNEY & SMITH CO.
Specialists in Carbon Blacks, Bone Blacks and Oxides of Iron
41 East 42nd St. New York

COLUMBIAN CARBON CO.

Amyl, Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .63 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works..lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
Angelica root, dom., bls.....lb. .30 - .31
import, natural, bls.....lb. .26 - .27
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .40 - .45
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .12½- .13
Star, bgs.....lb. .15½- .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 - —
Needle, powd., bbls.....lb. .14 - .16
Oxide, bbls., c.l.....lb. .13½- —
l.c.l.....lb. .14 - —
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .12½- .15¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apemorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .30 - .35
Root, bls.....lb. .45 - .46
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls.....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .55 - .75
Asbestine (see Talc, N. Y. fibreus).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines—ton. 27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines—ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 49.50 - —
Jet, bgs., c.l., Western shipping points..ton. 30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo,, refinery.....gal. .07½- —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .22 - .25
Tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works..ton. 44.00 - —
99%, 200 mesh, bgs., c.l., works..ton. 47.00 - —
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
Barium chloride, tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
Barium, chloride, tech., dom., cryst., bbls., same basis. ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
l.c.l., bgs., same basis, ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs,, c.l., dlvd., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., same basis....ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks. .....lb. .07 - .08¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St, Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton, 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95,75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32,50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 Nom.
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .20 - .22
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms.....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms. .....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib. dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E. lb. .12½- —
l.c.l., frt. alld, E.....lb. .13 - —
Black, bone, 2, bbls., bgs., c.l., frt. alld E..lb. .10½- —
l.c.l., frt. alld, E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld, E.....lb. .10 - —
4, bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld, E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld, E.....lb. .08 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¾- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in N. A. (water freights extra). lb. .0270- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .03 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0315- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0330- —
D (Ill., Ia., Wis.)..lb. .0315- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0330- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0360- —
G (Mexico) .....lb. .0380- —
l.c.l., f.o.b. whse.....lb. .05¾- —
Bulk, tanks, same price as bags in each zone.
ctns., l.c.l., ex-whse.....lb. .06¼- —
cs., l.c.l., ex-whse.....lb. .07 - —
export, full, compad., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns. ,c.l., works, lb.. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw, root bark, bls.....lb. .33 - .35
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls...lb. .15 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton. 55.00 - —
l.c.l. .....ton. 60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton. 70.00 - —
l.c.l., same basis....ton. 75.00 - —
pulp, 66%%, bulk, c.l., works. ton. 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.10 - 3.15
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.10 - 3.15
import, bgs. c.i.f. ports, Jan. shipt., unit-ton. 3.35 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Celestial, bbls. .....lb. .10 - .13
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls, f.o.b works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —

Amyl Alcohol—Brown

Blue, tungstated, peacock, kegs.. lb. 4.00 - —
Victoria, kegs.....lb. 3.85 - —
Ultramarine, dry, jobbing, bbls., works, frt. equid..lb. .11 - —
regular 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis...lb. .22 - —
special, 1, bbls., same basis lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluedag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
16-25 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.85 - —
2-5 bbls., same basis, 100 lbs. 5.10 - —
1-2 bbls., same basis. 100 lbs. 5.25 - —
monohydrated, dms., c.l. dealers..lb. .09¼- .10¼
l.c.l., dealers.....lb. .0950- .1050
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton. 26.00 -29.00
c.i.f. Atlantic ports...ton. 30.00 - —
import, bgs., c.i.f., ports.ton. 28.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton. 19.00 -21.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton. 23.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton. 18.00 -19.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports...ton. 21.50 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton. 58.00 - —
l.c.l., ex whse.....ton. 67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton. 48.00 - —
l.c.l., ex whse.....ton. 57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton. 52.00 - —
l.c.l., ex whse.....ton. 61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton. 42.00 - —
l.c.l., ex whse.....ton. 51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton. 57.00 - —
l.c.l., ex whse.....ton. 66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton. 47.00 - —
l.c.l., ex whse.....ton. 56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic),
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, U.S.P., bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12½- —
Metallic, bbls., works.....lb. .02¾- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¾- —
2, bbls., same basis....lb. .11¾- —
3, bbls., same basis....lb. .10¾- —
4, bbls., same basis....lb. .09¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12¾- —
2, bbls., same basis....lb. .10¾- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09¼- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .06 - —
Umber, American, bbls. works. lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse, Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle. lb. .04¼- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —

Brown—Chestnut Extr.

Brown, Vandyke, bbls., l.c.l.	lb.	.05⅝-	—
Walnut crystals, bbls.	lb.	.05½-	.06
Brucine, 100 oz., cns.	oz.	.10 -	—
Sulphate, 100 oz., cns.	oz.	.07 -	—
Bryonia root, bls.	lb.	.10 -	.11
Buchu leaves, bls.	lb.	.47 -	.50
Buckthorn bark, true, bls.	lb.	.05 -	.05½
Berries, bgs.	lb.	.19 -	.20
Burdock root, bls.	lb.	.10 -	.10½
Burgundy pitch, dom., bbls., c.l., works.	lb.	.05½-	—
l.c.l., dlvd. E.	lb.	.06¼-	—
import, stands	lb.	.15 -	.16
Butanes, coml., 16-32°, tanks, group 3.	gal.	.02¼-	.03¾
Butternut bark, bls.	lb.	.08 -	.09
Butyl acetate, norm., dms., c.l., contract, frt. alld.	lb.	.10 -	—
l.c.l., contract, frt. alld.	lb.	.10½-	—
tanks, contract, frt. alld.	lb.	.09 -	—
Secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.08 -	—
l.c.l., same terms	lb.	.08½-	—
tanks, same terms	lb.	.07 -	—
Alcohol (see Alcohol):—			
Aldehyde, dms., l.c.l.	lb.	.16½-	.17½
Carbinol (see Carbinol).			
Lactate, dms.	lb.	.22½-	—
Propionate, dms., dlvd.	lb.	.17 -	—
Stearate, dms.	lb.	.26 -	—
Butyric ether, bots.	gal.	6.60 -	6.95
cns., works	lb.	.65 -	.70
dms., frt. alld. Met. N. Y.	lb.	.60 -	—

C

Cadmium bromide, 100 lbs., works, frt. equal'd.	lb.	1.66 -	—
50 lbs., works	lb.	1.71 -	—
25 lbs., works	lb.	1.76 -	—
5 lbs., works	lb.	1.91 -	—
Iodide, bots.	lb.	4.16 -	4.21
Jars	lb.	4.02 -	—
Lithopone (see Yellow).			
Metal, cs.	lb.	1.35 -	—
Red (see Red).			
Selenide (see Red).			
Sulphide (see Yellow).			
Caffeine, 100-lb. dms., 10,000 lbs. or more.	lb.	2.20 -	—
2,000 lbs., or more	lb.	2.25 -	—
1,000 lbs., or more	lb.	2.30 -	—
100 lbs.	lb.	2.35 -	—
25-lb. dms., 10,000 lbs., or more.	lb.	2.23 -	—
2,000 lbs., or more	lb.	2.28 -	—
1,000 lbs., or more	lb.	2.33 -	—
100 lbs.	lb.	2.43 -	—
25 lbs.	lb.	2.55 -	—
10-lb. cns., 10,000 lbs., or more.	lb.	2.25 -	—
2,000 lbs., or more	lb.	2.30 -	—
1,000 lbs., or more	lb.	2.35 -	—
100 lbs.	lb.	2.45 -	—
less than 100 lbs.	lb.	2.75 -	—
5-lb. cns., 25 lbs., or more.	lb.	2.70 -	—
less than 25 lbs.	lb.	2.85 -	—
Citrated, cns.	lb.	1.80 -	2.10
Hydrobromine, bots.	lb.	4.91	4.99
Calabar beans, bgs.	lb.	.25 -	.26
Calamus root, bleached, cs.	lb.	.45 -	.50
peeled, bls.	lb.	.10 -	.12
Calcium acetate, bgs., dlvd.	100 lbs.	1.65 -	—
Arsenate, dms., c.l., dealers, North and West.	lb.	.06¾-	—
l.c.l., dealers	lb.	.07¼-	—
southern cotton states, dealers, dms., c.l.	lb.	.06½-	—
l.c.l., dealers	lb.	.07 -	—
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.			
Bromide, 100 lbs., works, frt. equaled.	lb.	.70 -	—
50 lbs., works	lb.	.72 -	—
25 lbs., works	lb.	.75 -	—
Carbide, dms.	lb.	.05 -	.06
Carbonate (see Chalk and Whiting).			
Chloride, flake, dom., 77-88%, paper bgs., c.l., dlvd.	ton.	23.00	-36.00
burlap bgs., dms., c.l., dlvd.	ton.	23.50	-36.50
l.c.l., 1 ton or over, dlvd.	100 lbs.	1.78 -	2.43
liquor, basis 40%, tanks, works.	ton.	7.50 -	—
solid, dom., 73-75%, bgs, dms., c.l., dlvd.	ton.	21.50	-34.50
l.c.l., 1 ton or over, dlvd.	100 lbs.	1.68 -	2.33
Gluconate, U.S.P., gran., powd., bbls., 125 lbs.	lb.	.50 -	—
dms.	lb.	.55 -	.57
cns.	lb.	.68 -	.85
Glycerophosphate, fib., dms., 1,000-lb. lots.	lb.	1.00 -	—
smaller lots	lb.	1.15 -	—
cns., 25 lbs.	lb.	1.40 -	—
Hypophosphite, cns.	lb.	.62 -	.67
Iodide, bots., jars	lb.	3.70 -	3.85
Lactate, USP., bbls., 200 lbs.	lb.	.25 -	—
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports.	ton.	28.00 -	—
Palmitate, bbls.	lb.	.22 -	.23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f. Atlantic ports, shipt.	unit-ton.	.78 -	—
tribasic, c.l., bbls., works.	lb.	.06½-	—
l.c.l., bbls.	lb.	.07½-	—
Resinate, precip., bbls., 1 ton.	lb.	.13 -	—
smaller lots	lb.	.14 -	—
Stearate, precip., bbls., ctns., c.l.	lb.	.19 -	—
l.c.l., 1 ton	lb.	.20 -	—
Sulphate (see Gypsum).			
Sulphide, 75% CaS (minus 100 mesh), c.l., works.	ton.	52.00 -	—
l.c.l., works	ton.	56.00 -	—
83/85 CaS, c.l., works	ton.	58.00 -	—
l.c.l., works	lb.	64.00 -	—
luminous, dom., tins, works.	100 lbs.	.75 -	—
Sulphocarbolate, bbls., 200 lbs.	lb.	.48 -	—
kgs., 100 lbs.	lb.	.50 -	—
Calendula flowers, bls.	lb.	.38 -	.39
Calomel, bbls., fib., dms., kgs., 50 lbs., or more.	lb.	1.38 -	—
Camphor, natural, powd., cs.	lb.	.55 -	.56
slabs, cs.	lb.	.55 -	.56
tablets, tins.	lb.	.60 -	.61
synthetic, dmo., imp., gran., powd., bbls., 2,000 lbs.	lb.	.50 -	—
500 lbs.	lb.	.51 -	—
100 lbs.	lb.	.52 -	—
Monobromate, bxs., kgs.	lb.	1.75 -	1.80
Canada balsam (see Fir balsam).			
Canary seed, Argentine, bgs.	lb.	.04¾-	.05
Morocco, bgs	lb.	.04¾-	.05
Turkish, bgs	lb.	.04¾-	.05
Canella alba bark, bls.	lb.	.37 -	.38
Cantharides, Chinese, cs.	lb.	.70 -	.75
powd., bxs.	lb.	.95 -	1.00
Russian, cs.	lb.	1.25 -	1.30
powd., bxs.	lb.	1.60 -	1.65
Capsicum (see Pepper, red).			
Caraway seed, Dutch, bgs.	lb.	.07½-	.07¾
Carbazole, 70-80%, dms., works.	lb.	.60 -	—
90%, dms., works	lb.	.89 -	—
95%, dms., ton lots, works.	lb.	.70 -	—
smaller quantities, works.	lb.	.85 -	—
98.5-99%, dms., ton lots, works,	lb.	.75 -	—
smaller quantities, works.	lb.	.85 -	—
Carbinol, butyl, norm., dms., works.	lb.	.60 -	—
small lots, works	lb.	.75 -	—
secondary, dms., works.	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Diethyl, dms., works.	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Isobutyl, 128-132°, dms., c.l., works.	lb.	.33 -	—
l.c.l., works	lb.	.34 -	—
tanks, works	lb.	.32 -	—
Methylpropyl, dms., works.	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Dimethylethyl, dms., works.	lb.	.60 -	—
small lots, works	lb.	.75 -	—
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R.	lb.	.05 -	—
l.c.l., same basis	lb.	.05¾-	—
5-gal. dms., c.l., same basis,	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
tanks, same basis	lb.	.04½-	—
Dioxide, cyls.	lb.	.06 -	.08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.	lb.	.05½-	—
l.c.l., same basis	lb.	.05¾-	—
10-gal. dms., c.l. (20 tons), same basis.	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
5-gal. dms., c.l. (20 tons), same basis.	lb.	.07 -	—
l.c.l., same basis	lb.	.08 -	—
tank s. same basis	lb.	.05 -	—
Fire extinguisher liquid, 2c. lb. higher.			
Cardamom, bleached, cs.	lb.	1.65 -	1.90
decorticated, cs.	lb.	1.30 -	1.40
green, [illegible]	lb.	.87 -	.88
Carvol, bots.	lb.	4.00 -	4.25
Cascara sagrada bark, bulk.	lb.	.11¾-	.12
Case-hardening mixture, 45%, gran., dms., l.c.l.	lb.	.11⅞-	—
lump, dms., l.c.l.	lb.	.10⅞-	—
60%, lump, dms., l.c.l.	lb.	.09 -	—
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.	lb.	.10½-	.11
5 tons, works	lb.	.12¼-	—
smaller lots, works	lb.	.13 -	—
80-100 mesh, bgs., c.l., dlvd.,	lb.	.11 -	.11½
5 tons, works	lb.	.12½-	—
smaller lots, works	lb.	.13½-	—
import, Argent., 20-30 mesh, bgs., c.l., duty pd.	lb.	.11¾-	—
80-100 mesh, bgs., c.l., duty pd.	lb.	.12¼-	—
French, 30 mesh, bgs., c.l., duty pd.	lb.	.17	Nom.
Cassia, Batavia, 1, bgs.	lb.	.15 -	.15½
3, bls.	lb.	.09½-	.10
short stick, bls.	lb.	.12 -	.12¼
China, rolls, select, cs.	lb.	.07 -	.07¼
broken, extra bls.	lb.	.04¾-	.05
Saigon, bls.	lb.	.15½-	.16
Cassia buds, cs.	lb.	.18 -	.20
Cassia fistula, bskts.	lb.	.09 -	.10
Castile soap, white, bars., cs., 40 lbs.		11.75	-12.50
powd., bbls.	lb.	.28 -	.35
Castoreum, nat., cns.	lb.	15.00	-18.00
synth., bots.	lb.	19.00 -	—
Castor oil (see Oil, castor).			
Pomace, dom., 5% ammon., bgs., c.l., works.	ton.	No prices	
import, bgs., c.l.f., ports, shipment.	ton.	21.00 -	—
Catnep leaves, bls.	lb.	.18 -	.19
Celery seed, French, bgs.	lb.	.15½-	.16
Indian, bgs.	lb.	.14 -	.14½
Celluloid scrap (see Pyroxylin scrap).			
Cellulose acetate, flake, cs., works.	lb.	.40 -	—
Cellulose, acetobutyrate, 501 lbs. and over, works.	lb.	.52 -	—
101 lbs., works	lb.	.58 -	—
smaller lots, works	lb.	.55 -	—
Cement, white, bbls., (4 bgs), 5 tons, dlvd. N. Y.	bbl.	6.50 -	—
Cerium hydrate, dms., works.	lb.	.60 -	—
Oxalate, USP, bbls., works.	lb.	.35 -	—
kgs., works	lb.	.37 -	—
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.	lb.	.02¾-	—
cks., 250 lbs., c.l., f.o.b., works.	lb.	.03¼-	—
Chamomile flowers, Hungarian, genuine, cs.	lb.	.24 -	.25
Roman, bls.	lb.	.28 -	.30
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	30.40 -	—
Colo.	ton.	27.00 -	—
Conn., Me., Mass., N. H., R. I., Vt.	ton.	30.80 -	—
Ill. (except river point), Minn., Neb., Wis...	ton.	25.00 -	—
Indiana	ton.	26.00 -	—
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso).	ton.	23.00 -	—
Kansas, El Paso, Tex.	ton.	24.00 -	—
Michigan	ton.	27.80 -	—
Ohio, Penn.	ton.	29.80 -	—
Utah	ton.	34.00 -	—
Willow, powd., bbls.	lb.	.06 -	.07
Chestnut extract, clarif., 25% tan., bbls., c.l., works.	lb.	.02125-	—
l.c.l., bbls., works	lb.	.0225-	—

MEN engaged in the efficient operation of industrial plants are today faced with an increasing number and variety of production problems which must be solved before further profits can be made.

In more and more of these cases chemical research is bringing prompt and practical solutions. Sometimes the application of a chemical method speeds up work. Again, efficiency may be improved through the use of a specially developed chemical material. Frequently laboratory research makes available an entirely unknown product that smashes cost barriers. The ways and means of the research chemist are numerous and diversified—and increasingly successful!

By working closely with production men, purchasing agents and plant technicians, Cyanamid chemists are constantly helping to keep the flow of work running smoothly . . . paving the way for production to move faster at less cost. On the right are a few Cyanamid products whose special usefulness is the result of research directed with customers' problems in mind

Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 200 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
99.75%, 200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton.12.50- —
import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
tanks, multiple unit, 2, works, frt. equald..100 lbs. 2.55 - —
1, works, frt. equald. 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs...oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. cbys.....lb. 1.40 - 1.45
Cinnamon, Ceylon, 2, bls.....lb. .16¾- .17
3, bls.....lb. .16 - .16½
Citral, bots., cns.....lb. 1.60 - 3.95
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .16¾- .17
Zanzibar, bls.....lb. .16 - .16¼
Clover tops, bgs.....lb. .14 - .15
Coaltar, coal-gas., crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works....dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd..lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.36 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39

Chillies—Dextrin

Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lumps, bgs., c.l..lb. .13½- .14
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .31 - .34
Colombo root, bls.....lb. .14 - .15
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns...lb. .31 - .32
S.A., U.S.P., cns.....lb. .33 - .34
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .15¾- .16¾
18-20%, bbls.....lb. .10¼- —
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal electrolysis.....lb. .10⅞- .11
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .13⅜- —
smaller lots, works.....lb. .13⅞- —
red, com'l, 50-75%, kgs, f.o.b. N.Y..lb. .16⅞- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0250 Nom.
Coriander seed, Morocco, bgs..lb. .06½- .06½
bleached, bgs.....lb. .07½- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.20 - —
ex whse.....100 lbs. 3.30 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.16 - —
43°, bbls., c.l. .....100 lbs. 3.21 - —
Cornsilk, bls.....lb. .06½- .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.30 - —
gran., powd., dms., 50 lbs. or more..lb. 1.05 - —
Cottonroot bark, bls.....lb. .13 - .14
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .25 - .26
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .18 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs. .....lb. .20¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works, gal. .13½- .14½
Coaltar solution, tanks, works, gal. .122 - .132
refd., bbls., c.l., works...gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .28 - —
2,000 lbs. to 10,000 lbs..lb. .29 - —
1,000 lbs. to 2,000 lbs..lb. .31 - —
200 lbs. to 1,000 lbs.....lb. .33 - —

4% rotenone prices are 4½c. per lb. less.

Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .32 - .33
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .18 - .20
Cumin seed, Algerian, bgs....lb. .09 - .09½
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .11 - .12
Degras, common, dom., bbls..lb. .07½- .08¼
English, bbls.....lb. .07½- .08¼
neutral, dom., bbls.....lb. .10¾- .15
English, bbls.....lb. .10¾- .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .39 - —
2,000 lbs., to 10,000 lbs..lb. .40 - —
1,000 lbs., to 2,000 lbs..lb. .41½- —
200 lbs., to 1,000 lbs..lb. .43 - —

4% rotenone prices are 6c. per lb. less

Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Dextrin, British gum, c.l. f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
Potato, import, bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .715 - —

INDUSTRY MOVES

AS THE CHEMIST PROVES

***TANAK DF** not only shortens the time required for tanning, but improves the quality of the leather. Until a short time ago, the mechanism of the bating operation was not at all well understood by chemists and tanners alike. We have done a great deal of work in the last years with different enzymes, varying enzyme concentrations and all kinds of deliming agents. As a result, we can offer many grades of ****CUTRILIN,** specifically adapted to all types of hides and skins and to local conditions.

*****REZYL 99-4** —a phthalic glyceride resin emphasizing excellent outdoor durability—water resistance—distensibility—compatibility with basic pigments. Lacquers for automobile bodies and outdoor applications show a long period of useful life when formulated with REZYL 99-4.

RESINS combining ready solubility in oils and mineral spirits, with good drying characteristics, are of general interest to manufacturers of air drying and baking enamels. *****REZYL 803-1** meets all these requirements to a high degree. As good for a child's simple toy as for refinishing a 5-ton truck or a passenger automobile.

MINERAL ACIDS—SULPHURIC ACID, in a variety of grades from the commercial material to the relatively chemically pure "Electrolyte" (Battery Acid).

NITRIC ACID, 36°, 38°, 40° and 42° Baumé; processed to yield an acid of high uniformity and free from all but traces of impurities.

MURIATIC ACID, 18°, 20°, and 22° Baumé; a new process of manufacture yields an acid exceptionally free from impurities. Considerable quantities of *Aero Muriatic Acid are used in processes where a chemically pure Hydrochloric Acid was originally considered essential.

Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

*Registered U. S. Patent Office.
**Registered U. S. Patent Office, Pat. No. 1,946,218.
***Trade Mark of Rezyl Corporation, Registered in U. S. Patent Offices.

We're looking forward to seeing you at the 1938 Drug, Chemical and Allied Trades Banquet—March 3, at the Waldorf-Astoria.

DiMETHYL PHTHALATE—A plasticizer for Cellulose Acetate films should be absolutely free from any trace of color, highly stable and without tendency to discolor during the aging of the films. *Aero Brand DiMethyl Phthalate meets these specifications.

DiETHYL PHTHALATE is stable, and is fast to light. It is compatible with Nitrocellulose and Cellulose Ethers, and combines to a considerable degree plasticizing effect with solvency. It is useful also in rubbing alcohol and as a fixative in perfumes.

Notes for the Tanning Industry—The use of Syntans in the tannage of heavy leathers was once considered of no practical importance. Intensive research and large scale field tests have now demonstrated that the proper application of

AMERICAN CYANAMID & CHEMICAL CORPORATION

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Diamyl Ether—Green

Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works lb. .092 - —
tanks, works lb. .075 - —
Oxalate, dms., l.c.l., works lb. .30 - —
Phthalate, dms., c.l., dlvd. lb. .20½- —
l.c.l., dlvd .21 - —
tanks, dlvd lb. .19½- —
Sulphide, dms., l.c.l., works lb. 1.10 - —
Diamylamine, dms., c.l., works. lb. .47 - —
l.c.l., works lb. .50 - —
Diamylene, dms., c.l., works. lb. .095 - —
l.c.l., works lb. .102 - —
tanks, works lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -35.00
l.c.l., ex whse ton. 45.00 -150.00
import, bgs., c.l., c.l.f. ton. 30.00 - —
Dibutylamine, dms., l.c.l., works. lb. .55 - —
Dibutyl phthalate, dms., l.c.l. lb. .21 - —
Tartrate, dom., dms lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l. works. lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Diethanolamine, dms., c.l., works. lb. .24 - —
l.c.l., works lb. .25 - —
tanks, works lb. .23 - —
Diethyl carbonate, coml., dms. lb. .31½- —
refd., 99%, dms lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l. lb. .19 - —
l.c.l. lb. .19½- —
tanks lb. .18 - —
Sulphate, dms., c.l., works. lb. .13 - —
l.c.l., works lb. .14 - —
tanks lb. .12 - —
Diethylanilin, dms. lb. .40 - .50
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works lb. .17 - —
Monobutylether, dms., works. lb. .23 - .24
Monoethylether, dms, c.l., works. lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Diethylene oxide, dms., c.l., f.t. alld. lb. .20 - —
l.c.l., same basis lb. .21 - —
tanks, works lb. .19 - —
Digitalis, leaves, dms. lb. .65 Nom.
Diglycol oleate, light, bbls. lb. .21 - .24
Dilkseed, recleaned, bgs. lb. .07¼- .07¾
Dimethyl phthalate, dms., l.c.l. lb. .19 - —
Dimethylanilin, dms. lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls. lb. .16 - .18
Dinitrochlorobenzene, bbls. lb. .13½- .14
Dinitrononaphthalene, kgs. lb. .35 - .38
Dinitrophenol, bbls. lb. .23 - .24
Dinitrotoluene, dms. lb. .15½- —
oily, dms. lb. .09 - —
Diorthotoluoguanidin, dms, 2,000 lbs. or over, dlvd. lb. .44 - —
600-1,950 lbs., dlvd. lb. .46 - —
150-450 lbs., dlvd. lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms. gal. .47 - .50
tanks gal. .41 - —
Diphenyl, bbls., c.l., works. lb. .15 - —
l.c.l., works lb. .20 - .25
Oxide, perfume grade, cns. lb. .50 - .55
Diphenylamine, bbls. lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd. lb. .35 - —
600-1,950 lbs., dlvd. lb. .36 - —
150-450 lbs., dlvd. lb. .37 - —
Diphenylmethane, bots lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment ton. 34.00 Nom.
Doggrass root, cut, bls. lb. .12 - .13
Dogwood bark, dom., bls. lb. .07 - .08
Jamaica, bls lb. .07 - .08
Dover's powder, USP, cns. lb. 2.75 - 2.80
Dragon's blood, mass, cs. lb. .65 - .85
reeds, thin, cs. lb. .85 - .90
Duboisine sulphate, vls. oz. 34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G lb. .65 - .70
40 Chrome yellow R lb. .50 - 1.00
53 Victoria violet lb. .80 - 1.00
165 Lake red C lb. 1.00 - —
176 Fast red A lb. .60 - .75
180 Fast red VR lb. 1.50 - 1.65
189 Lake red R, paste lb. .85 - .90
189 Lake red R, powdered lb. 3.00 - 3.10
202 Chrome blue black U lb. .32 - .40
204 Chrome black A lb. 1.75 - 2.00
208 Fast red blue R lb. .75 - 2.00
216 Chrome red B lb. 1.75 - 2.00
262 Cloth red 2B lb. .60 - .80
289 Fast cyanin 5R lb. .90 - 1.00
299 Chrome black F lb. .60 - .65
307 Fast cyanin black B lb. .80 - .85
326 Direct cast scarlet lb. 2.00 - 2.25
304 Paper yellow lb. .83 - .90
365 Chrysophenin G lb. .58 - .70
394 Direct violet N lb. 1.25 - 1.30
382 Direct scarlet B lb. 1.50 - 1.75
387 Direct violet B lb. 1.00 - 1.30
401 Developed black BHN lb. .50 - .75
406 Direct blue 2B lb. .25 - .30
415 Direct orange R lb. .60 - .70
419 Direct fast red F lb. .75 - .85
420 Direct brown M lb. 1.00 - 1.10
448 Benzo purpurin 4B lb. .40 - .42½
495 Benzo purpurin 10B lb. .40 - .50
502 Direct azurin G lb. .75 - .80
512 Direct blue RD lb. .80 - 1.00
518 Direct pure blue 6B lb. 1.10 - 1.25
520 Direct pure blue lb. .50 - 1.00
529 Direct fast black FF lb. .55 - 1.00
581 Direct black EW lb. .25 - .50
582 Direct black RX lb. .35 - .45
593 Direct green B lb. .75 - .80
594 Direct green G lb. 1.00 - 1.05
596 Direct brown 3GO lb. .35 - 1.00
620 Direct yellow R lb. 1.25 - 1.50
698 Acid violet lb. 1.00 - 3.00
812 Primulin lb. .50 - .52
814 Direct fast yellow lb. 2.00 - 2.25
845 Nigrosin(water soluble) lb. .35 - .50
1177 Indigo, 20 p. c. paste lb. .15 - .18
Benzo fast black L lb. .90 - 1.00
Sulphur black lb. .20 - .25
Sulphur blue lb. .40 - 1.00
Sulphur brown lb. .25 - .50
Sulphur maroon lb. .40 - —
Sulphur olive lb. .25 - .54
Sulphur tan lb. .30 - .50
Sulphur yellow lb. .30 - .50
Zambesi black lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives lb. .42 - —
Blue:—
1075 Alizarin astrol base lb. 15.00 - —
1078 Alizarin cyanin green base lb. 6.00 - —
729 Victoria blue lb. .75 - —
Browns:—
Brown lb. 1.15 - —
Green:—
1078 Alizarin cyanin green lb. 5.00 - —
.... Green lb. .75 - —
Orange:—
24 Sudan I lb. .70 - —
.... Orange, red shade lb. .75 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Red:—
73 Sudan II lb. 1.05 - —
258 Sudan IV lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base lb. 6.00 - —
680 Oil violet lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin lb. .40 - —
Blue:—
729 Victoria blue lb. 2.55 - —
860 Indulin lb. .70 - —
Brown:—
331 Bismarck brown lb. 1.50 - —
Green:—
637 Malachite green base lb. 2.00 - —
Orange:—
20 Chrysoidin G lb. .95 - —
21 Chrysoidin R lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS lb. 3.00 - —
Violet:—
680 Methyl violet lb. .90 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin lb. .36 - —
873 Methylene gray lb. 1.50 - —
Blue:—
714 Patent blue A lb. 1.45 - —
729 Victoria blue B lb. 2.00 - —
861 Indulin lb. .87 - —
909 New blue R lb. 1.30 - —
922 Methylene blue lb. 1.00 - —
1054 Alizarin saphirol B lb. 1.90 - —
1180 Indigotin IA lb. .85 - —
Brown:—
234 Resorcin brown Y lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G lb. .52 - —
332 Bismarck brown R lb. .37 - —
793 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B lb. 1.00 - —
657 Malachite green lb. 1.35 - —
662 Brilliant green lb. 2.00 - —
666 Guinea green B lb. 1.15 - —
737 Wool green S lb. .58 - —
924 Methylene green B lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G lb. .40 - —
21 Chrysoidin R lb. .37 - —
27 Orange G lb. .50 - —
151 Orange Y lb. .30 - —
161 Orange R lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R lb. .48 - —
88 Fast red B lb. 1.05 - —
176 Fast red A lb. .54 - —
179 Azorubin lb. .52 - —
183 Crocein scarlet 3BX lb. .60 - —
185 Cochineal red A lb. .60 - —
252 Brilliant crocein M lb. .68 - —
677 Fuchain lb. 2.10 - —
749 Rhodamine B lb. 3.50 - —
752 Rhodamine 6G lb. 4.50 - —
768 Eosin G lb. 1.50 - —
841 Safranin lb. 1.45 - —
Violet:—
680 Methyl violet B lb. .75 - —
681 Crystal violet C lb. 1.75 - —
695 Acid violet 4BN lb. .88 - —
Yellow:—
10 Naphthol yellow S lb. .88 - —
138 Metanil yellow lb. .53 - —
636 Fast light yellow lb. 1.25 - —
639 Xylene light yellow lb. 1.15 - —
640 Tartarzin lb. .80 - —
655 Auramine lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .23½- .24
Egg albumen (see Albumen).
Yolk, dom., cs. lb. .68 Nom.
import, cs. lb. .60 Nom.
Elder flowers, bright, bls. lb. .22 - .23
dark, bls. lb. .20 - .21
Elecampane root, bls. lb. .10 - .11
Elm bark, grinding, bls. lb. .11 - .12
powd., bbls., bxs. lb. .20 - .21
select, bndls. lb. .50 - .55
Emetine hydrochloride, bots. oz. 17.00 -18.00
Ephedra, bls. lb. No offers
Ephedrine, tins, 100 ozs. oz. 5.50 - —
Hydrochloride, tins, 100 ozs. oz. 4.40 - —
Sulphate, cryst., tins, 100 ozs. oz. 4.40 - —
Epsom salt, tech., bgs. 100 lbs. 1.80 - —
bbls. 100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal lb. 2.25 - —
smaller lots lb. 2.50 - —
bbls., c.l. lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal lb. 2.35 - —
smaller lots lb. 2.60 - —
kgs., c.l. lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal lb. 2.60 - —
smaller lots lb. 2.85 - —
dried, dom., bgs., l.c.l. lb. .08 - .10
Ergot, USP, cs., dms. lb. 1.50 - 1.60
Eserine, bots. oz. 42.00 - —
Salicylate, bots. oz. 28.00 -30.00
Sulphate, bots. oz. 30.00 - —
Ether, acetic, dms., 400 lbs. lb. .09 - —
cns., 35 lbs. lb. .13 - .14
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. lb. .14 - —
synth., dms., c.l., works lb. .08 - —
l.c.l. works lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms lb. .39 - .40
washed, dms lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .06½- —
l.c.l., frt. alld lb. .07 - —
tanks, frt. alld lb. .05½- —
anhyd., dms., c.l., frt. alld. lb. .08½- —
l.c.l., frt. alld lb. .09 - —
tanks, frt. alld lb. .07½- —
Ethyl, acetoacetate, dms., c.l., works lb. .27½- —
l.c.l., dms., works lb. .28 - —
Bromide, tech., dms lb. .50 - .55
Caproate, cns lb. 1.00 - —
Chloride, dms lb. .22 - .24
Cinnamate, cns lb. 3.20 - 4.00
Crotonate, dms., works lb. 1.00 - 1.25
Formate, dms lb. .27 - .28
Iodide, bots lb. 4.85 - 4.96
Lactate, 55-gal dms., works lb. .33 - —
5-gal. dms., works lb. .36 - —
Oxalate, dms lb. .30 - .34
Silicate, l.c.l., dms., works lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .65 - —
100 lbs., frt. alld lb. .70 - —
smaller lots, works lb. .75 - —
Ethylene bromide, dms lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld. lb. .0545- —
West of Rockies, same basis lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld. lb. .0644- —
West of Rockies, same basis lm. .0694- —
Ethyleneglycol, dms., c.l. lb. .17 - —
l.c.l. lb. .18 - .21
tanks lb. .16 - —
Monobutylether, dms., c.l., works. lb. .18 - —
l.c.l., works lb. .19 - .22
tanks, works lb. .17 - —
Monoethylether, dms., c.l., works. lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Monoethylether acetate, dms., c.l., works. lb. .13 - —
l.c.l., dms lb. .14 - —
tanks, works lb. .12 - —
Monomethylether, dms., c.l., works. lb. .17 - —
l.c.l., works lb. .18 - —
tanks, works lb. .16 - —
Ethylidinanilin, dms lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts. lb. .06½- —
l.c.l., same terms lb. .07 - —
tanks, same terms lb. .05½- —
Ethylorthoparatoluenesulphonamide, bbls. lb. .55 - —
Ethylparatoluenesulphonamide, bbls. lb. .60 - —
Eucalyptol, cns., dms lb. .58 - .60
Eucalyptus leaves, bls lb. .08 - .09
Eugenol, bgs., cns lb. 2.10 - 2.55
Euphorbia, bls lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works ton. 14.00 -15.00
glass, 20 mesh, bulk, works ton. 11.00 -12.25
pottery, bulk, Me. works ton. 17.00 -19.00
N.C. works ton. 17.00 -19.00
Fennel seed, French type, bgs. lb. .07½- .08
Indian, bags lb. .07½- .07¾
German, large, bgs lb. .18 - .19
small, bgs lb. .13 - .14
Fenugreek seed, bgs lb. .04 - .04½
Ferric sulphate, dms., works ton. 35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .14½- —
smaller lots, E. works. lb. .15 - —
light, cs., 1,000 lbs. or over, works lb. .15 - —
smaller lots, E. works lb. .15 - —
water white, cs., 1,000 lbs. or over, E. works lb. .16 - —
smaller lots, E. works lb. .17 - —
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns gal. 16.00 -17.00
Oregon, bbls gal. 1.35 - 1.40
Fish berries, bgs lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto ton. 53.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts unit-ton. 2.75 & .50 Nom.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Jan.-Feb. shipt., ton. 47.00 -47.50
spot ton. 46.50 -48.00
Flake white, bbls., kgs lb. .08½- .08¾
Fleaseed, French, black, bgs. lb. .10 - .11
Indian, blonde, bgs lb. .10 - .11
Fluorspar, enamel, 96-98%, bgs. ton. 33.00 - —
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines ton. 20.00 -21.50
Fluorspar, standard, import, bulk, Atlantic ports, duty-paid ton. 22.00 -23.50
lump, 85 and 5, dom., bulk, f.o.b. Ill., Ky., mines ton. 21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid ton. No prices.
Formaldehyde, bbls., c.l., works. lb. .05¾- —
l.c.l., works lb. .06¼- —
dms., c.l., works lb. .05¼- —
l.c.l., works lb. .05¾- —
tanks, works lb. .04½- —
Fringetree bark, bls lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines ton. 10.00 - —
import, bgs., c.l., ex dock ton. 23.00 - —
l.c.l., ex whse ton. 30.00 - —
Furfural, refd., dms., c.l., works. lb. .15 - —
l.c.l., works lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works lb. .10 - —
c.l., works lb. .12½- —
l.c.l., works lb. .15 - .20
tanks, works lb. .09 - —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls lb. .22 - .26
liquid, bbls lb. .09½- .13
solid, dms lb. .17½- .19½

G

G salt, bbls lb. 45 - .48
Galangal root, bls lb. .09 - .10
Gall extract, bbls lb. .19 - .20
Gambier, common, bgs lb. No prices.
plantation, bgs lb. .08¾- .09
Cubes, Singapore, bgs lb. .10¼- —
Extract, bbls lb. .09½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, below 60 octane, tanks gal. .07¼- —
60-65 octane, tanks gal. .07¼- .07¾
above 65 octane, tanks gal. .07½- —
Gasoline, at refinery, California, 54-58, tanks gal. .07¼- .08¼
Gulf Coast, U.S. motor, bulk, gal. .05¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
60-62, 400 e.p., bulk, export, gal. .05¼- —
64-66, 375 e.p., bulk, export, gal. .05¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks gal. .05½- —
63-66 octane, tanks gal. .05¾- .06
67-69 octane, tanks gal. .06¼- .06¾
70-72 octane, tanks gal. .06½- —
Oklahoma-Texas, US motor, 62 octane and below, tanks gal. .03¾- .04
third grade, tanks gal. .03¾- .04
63-68 octane, tanks gal. .04½- .04¾
67-69 octane, tanks gal. .04¼- .04½
70-72 octane, tanks gal. .04½- .04¾
natural, 12-lb. v. p., tanks, gal. .04¼- .04½
14-lb. v.p., tanks gal. .03¾- .04¼
18-lb. v.p., tanks gal. .03½- .03¾
22-lb. v.p., tanks gal. .03¼- .03¾
26-70 lb., v.p., tanks gal. .03 - —
Pennsylvania, US motor, below 60 octane, tanks gal. .05¾- .05¾
60 octane, tanks gal. .07¾- .07¾
52-54, 450 e.p., naphtha, tanks gal. .05¾- .06
54-56, 400 e.p., strt., run, tanks gal. .05¾- .06¼
Gelatin, silver, cs lb. .45 - .50
Gelsemium root, bls lb. .12 - .13
Gentian root, bls lb. .13 - .14
grd., bbls., bxs lb. .15 - .16
powd., bbls., bxs lb. .16 - .17
Geraniol, cns., dms lb. .67 - 3.00
Geranyl acetate, bots., dms lb. 1.20 - 2.50
Ginger root, African, bgs lb. .14 - .14½
Cochin, lemon, bgs lb. .13 - .13½
Jamaica, bold, bgs lb. .15¼- .15¾
grinding, bright, bgs lb. .15 - .15½
medium, bold, bgs lb. .15½- .16
Japanese, bgs lb. .16 - .16½
Ginseng fibers, cs lb. 1.75 - 3.00
Root, cultivated, cs lb. 10.00 -11.00
wild, Southern, cs lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works, 100 lbs. .95 - 1.15
5 tons or over, works, 100 lbs. 1.05 - 1.25
less than 5 tons, works, 100 lbs. 1.15 - 1.35
import., bgs. 100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd. lb. .13 - —
l.c.l., dlvd. lb. .13½- —
36/58, bgs., c.l., dlvd. lb. .13½- —
l.c.l., dlvd lb. .14 - —
58/82, bgs., c.l., dlvd. lb. .14½- —
l.c.l., dlvd. lb. .15 - —
82/108, bgs., c.l., dlvd. lb. .15 - —
l.c.l., dlvd. lb. .15½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest. lb. .15½- —
l.c.l., same basis lb. .16 - —
60/164, bgs., c.l., same basis lb. .17 - —
l.c.l., same basis lb. .17½- —
67/192, bgs., c.l., same basis lb. .18 - —
l.c.l., same basis lb. .18½- —
75/222, bgs., c.l., same basis, lb. .19 - —
l.c.l., same basis lb. .20 - —
83/251, bgs., c.l., same basis, lb. .20 - —
l.c.l., same basis lb. .21 - —
92/283, bgs., c.l., same basis. lb. .21 - —
l.c.l., same basis lb. .22 - —
102/315, bgs., c.l., same basis lb. .21½- —
l.c.l., same basis lb. .22½- —
113/347, bgs., c.l., same basis lb. .22½- —
l.c.l., same basis lb. .23½- —
125/379, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis lb. .24½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .17½- .18
dms., extra, c.l. lb. .15½- —
l.c.l. lb. .16 - —
dynamite, dms., extra, c.l. lb. 15½- —
l.c.l. lb. .16 - —
saponification, basis 88%, dms. returnable, dlvd. lb. .11 - .11¼
soaplye, basis 80%, dms., returnable, dlvd. lb. .10 - .10¼
yellow, distilled, dms., extra, c.l. lb. .15¾- —
l.c.l. lb. .15¾- —
Glycol borihorate, dms lb. .26 - —
Phthalate, dms. lb. .40 - —
Stearate, dms. lb. .27½- —
Gold, U.S. purchase price oz. 35.00 - —
Chloride, acid brown, bots. oz. 20.75 -21.00
yellow, bots. oz. 18.75 -19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
U.S.P. IX, bots oz. 14.50 -14.75
Gold of pleasure seed, bgs. lb. .16½- .17
Golden seal root, bls lb. 3.60 - 3.65
powd., bxs lb. 3.75 - 3.80
Grains of paradise, bgs lb. .28 - .29
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works lb. .06 - —
bbls., c.l., works lb. .06¼- —
l.c.l., works lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works lb. .02¼- —
bbls., c.l., works lb. .02¾- —
l.c.l., works lb. .03¼- —
80% graphitic carbon, bgs., c.l., works lb. .03¼- —
bbls., c.l., works lb. .03¾- —
l.c.l., works lb. .04¼- —
Grease, house, trcs lb. .05 - .05¼
White, trcs lb. .07⅜- .07⅝
Yellow, trcs lb. .05 - .05⅛
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. .21 - —
6-10%, bbls., same basis lb. .22 - —
11-15%, bbls., same basis lb. .23 - —
16-20%, bbls., same basis lb. .23¼- —
21-25%, bbls., same basis lb. .24 - —
26-30%, bbls., same basis lb. .24½- —
31-35%, bbls., same basis lb. .25½- —
36-40%, bbls., same basis lb. .27 - —
41-45%, bbls., same basis lb. .28½- —
46-50%, bbls., same basis lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.: El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast: for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Green, chrome, reduced, C.P. color content up 5%, bbls., same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome, oxide, dom., pure.bbl. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Tungstated, brilliant, kgs...lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06½- .10
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib, dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.20 - 1.25
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .11 - .11¼
white, sorts, 1, bgs.....lb. .24 - .25
2, bgs.....lb. .22 - .23
powd., bbls.....lb. .14 - .15
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs.....lb. .18 - .20
Camphor (see C)
Chicle, bgs.....lb. .55 - .60
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .44 - —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy, white, bgs., c.l., same basis..lb. .31¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .18¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .15¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .13¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .10¼- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .08 - —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale fingers, bgs., c.l., same basis..lb. .17¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .13¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
21, ordinary selected nubs, c.l., same basis..lb. .07¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .07½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07⅝- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .15¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05⅞- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05 - —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03⅝- —
dust, bgs., c.l., same basis..lb. .03⅞- —
nubs and chips, bgs., c.l., same basis..lb. .03⅝- —
black, bold, scraped, bgs., c.l., same basis..lb. .06⅝- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .05⅝- —
dust.,bgs.,c.l.,same basis, lb. .03⅝- —
nubs, bgs., c.l., same basis..lb. .10⅝- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¼- —
chips, bgs., c.l., same basis, lb. .04¼- —
dust,bgs.,c.l.,same basis.lb. .03⅝- —
nubs, bgs.,c.l.,same basis.lb. .10 - —
Manila, Socas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis..lb. .12 - —
B,bskts.,c.l., same basis.lb. .11⅝- —
C,bskts.,c.l., same basis.lb. .11¼- —
CNE, bskts., c.l., same basis..lb. .07⅞- —
D, bskts., c.l., same basis, lb. .09⅝- —
DK, bskts., c.l., same basis, lb. .07⅞- —
DU, bskts., c.l., same basis, lb. .08⅛- —
dust, bskts., c.l., same basis, lb. .06⅝- —

Gum, copal, Manila, Sambas and white split chips, bskts., c.l., same basis..lb. .14⅜- —
Singapore, dust, bskts., c.l., same basis..lb. .06⅝- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08¾- —
MA, bskts., c.l., same basis, lb. .07¼- —
MB, bskts., c.l., same basis, lb. .06¾- —
WS, bskts., c.l., same basis, lb. .08¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis...lb. .07¾- —
chips, pale, bskts., c.l., same basis..lb. .08⅞- —
small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .09¼- —
nubs, bskts., c.l., same basis..lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips,bgs,c.l.,same basis...lb. .10¼- —
split, bgs., c.l., same basis, lb. .13¾- —
nubs, bgs.,c.l., same basis.lb. .13⅜- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .25¼- —
A/D, cs., c.l., same basis.lb. .20⅝- —
A/E, cs., c.l., same basis.lb. .17¼- —
B, cs., c.l., same basis...lb. .24 - —
C, cs., c.l., same basis...lb. .20⅝- —
D, cs., c.l., same basis...lb. .17½- —
Gum, dammar, Batavia, dust., cs., c.l., same basis..lb. .06¾- —
E, cs., c.l., same basis...lb. .08⅞- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore, 1, cs., c.l., same basis..lb. .19⅝- —
2, cs., c.l., same basis....lb. .15⅝- —
3, cs., c.l., same basis....lb. .09⅜- —
chips, cs., c.l., same basis.lb. .13½- —
dust., cs., c.l., same basis.lb. .05⅝- —
seeds, cs., c.l., same basis.lb. .09½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., c.l., dlvd.....lb. .09 - —
l.c.l., dlvd, ...lb. .09¼- .09½
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .80 Nom.
powd., bbls.....lb. .85 Nom.
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms..lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
50% chips, cs., c.l., same basis..lb. .18¾- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Mino, tins.....lb. 2.00 - 2.10
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .86 - .87

Gum, olibanum, siftings, cs..lb. .07½- .18
sorts, cs. .....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .25 - .26
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .23 - .24
sorts, bgs.....lb. .11 - .11¼
Tacca, bgs. .....lb. .07½- .08
Thus, bbls.....280 lbs.13.50 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b, Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —

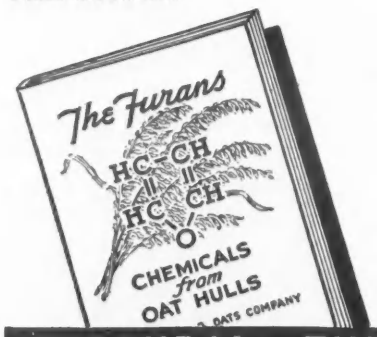
News!

Now a new completely revised issue of The Furans is available and a complimentary copy will be sent to you on request. Just published this month, the booklet contains the latest information concerning chemicals derived from oat hulls, namely

Furfural
Furfuryl ALCOHOL
Tetrahydrofurfuryl ALCOHOL
Hydrofuramide

Reacquaint yourself with Furfural — that unique aldehyde of many uses—and investigate Tetrahydrofurfuryl Alcohol, which now is offered in commercial lots. Also consider the possibilities of Hydrofuramide, and rely on Furfuryl Alcohol to solve difficult problems.

MAIL COUPON FOR NEW FREE BOOKLET



The Quaker Oats Company

Technical Division 2-1 Chicago, U. S. A.

The Quaker Oats Co., Technical Div., 2-1, Chicago.
I am interested in the possible use of one or more of the Furans for:.....
.....
Please send booklet to
Name of Co.....
By.....
Address.....
City.....State.....

FURFURAL - FURFURYL ALCOHOL - HYDROFURAMIDE
... TETRAHYDROFURFURYL ALCOHOL ...

Gypsum—Manganese

Gypsum, stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —

Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —

Import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.80

Hellebore, white, root, powd., bbls. lb. .12 - .13

Helonias root, bls.....lb. .75 - .78

Hematine crystals, bbls.....lb. .18 - .24

Hemlock extract, 25% tan., bbls. lb. .06 - .06¼

Hempseed, Manchur, bgs.....lb. .06 - .06½

Henbane leaves, bls.....lb. .18 - .19

Henna leaves, bls.....lb. .07¼- .09

powd., bbls, bxs.....lb. .10 - .11

Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —

l.c.l., Group 3.....gal. .16 - —

tanks, Group 3.....gal. .06½- —

normal, 96-100°., dms., c.l., Group 3..gal. .13 - —

l.c.l., Group 3.....gal. .17 - —

tanks, Group 3.....gal. .10¼- —

laboratory grade, dms., c.l., Group 3..gal. .16 - —

l.c.l., Group 3.....gal. .25 - —

Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .55 - —

150 to 1,350 lbs. shipments, same basis..lb. .56 - —

USP, dms., 500 lbs. or more, shipments, same basis, lb. .40 - —

100 to 400 lbs. shipments, same basis..lb. .47 - —

Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —

l.c.l., same terms.....lb. .13½- —

tanks, same terms.....lb. .12 - —

Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —

25 ozs.....oz.16.50 - —

Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.25 - 3.35

Hops, N. F., bls.....lb. .27 - .28

Horehound, bls.....lb. .12 - .15

Hydrangea root, bls.....lb. .12 - .13

Hydrastine, bots., 4 ozs.....oz.17.25 - —

cns., 16 ozs.....oz.17.00 - —

Hydrochloride, bots., 4 ozs...oz.17.25 - —

cns., 16 ozs.....oz.17.00 - —

Sulphate, bots.....oz.19.25 - —

cns., 16 oz.....oz.19.00 - —

Hydrastis (see Golden seal).

Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —

fib. ctns., works.....lb. .40 - —

Hydrogen peroxide, USP, bbls.lb. .03¾- .04

100 vols., cbys., E. of Miss. R.lb. .19½- .20

W. of Miss. R.....lb. .21 - —

Hydroquinone, dealers, bbls., dms..lb. .90 - .94

Hydroxycitronellal, cns.....lb. 2.00 - 2.50

Hyoscine hydrobromide, bots..oz.18.00 -19.00

Hyoscyamine, bots.....oz.16.00 - —

Hydrobromide, bots.....oz.16.00 - —

Sulphate, bots.....oz.15.00 - —

Hypernic, liq., 51°, bbls.....lb. .16 - .21

solid, bxs.....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13

Ichthyol, bots.....lb. 4.00 - 4.25

Indian red (see Red, Indian).

Indigo, nat., Bengal, bbls.....lb. 2.40 - —

synth., liq., bbls.....lb. .16½- .19

powd., bbls.....lb. .74½- .85

Indol, CP, bots.....lb.32.00 -34.00

Insect flowers (see Pyrethrum).

Iodine, crude, jars, 25 lbs.....lb. 1.15 - —

kgs, 150 lbs.....lb. .90 - —

resubl., bots., 5 lbs.....lb. 1.60 - —

jars, 50 lbs.....lb. 1.50 - —

tincture, USP, bbls., 47 gals., gal. 1.55 - —

cbys., 5 gals.....gal. 1.65 - —

mild, bbls., 47 gals.....gal. .80 - —

cbys., 5 gals.....gal. .90 - —

Iodoform, dms., 100 lbs.....lb. 3.75 - —

jrs., 25 lbs.....lb. 3.85 - —

Ionone, bots.....lb. 1.30 - 4.05

Ipecac root, bgs.....lb. 1.30 - 1.35

powd., bxs.....lb. 1.45 - 1.50

Irish moss, ordinary, bls.....lb. .10 - .11

powd., 80-90 mesh, bbls...lb. .24 - .32

prime, bleached, bls.....lb. .19 - .20

Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —

IV, djns., 50 lbs.....lb. .16 - —

Chloride, tech., cryst., bbls., kgs..lb. .05 - .08

USP, cryst., bbls., 500 lbs..lb. .07½- —

kgs., 100 lbs.....lb. .08¼- —

solut., USP, cbys., 130 lbs., lb. .06½- —

djns., 50 lbs.....lb. .16 - —

Citrate, USP VIII, pearls, cns., lb. .72 - .75

powd., cns.....lb. .84 - .87

scales, cns.....lb. .77 - .80

Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —

smaller lots.....lb. 2.97 - —

cns., 25 lbs.....lb. 3.09 - —

Hypophosphite, cns.....lb. 1.55 - 1.60

Iodide, bots.....lb. 2.85 - 3.00

syrup, djns.....lb. .37 - .38

bots.....lb. .52 - —

Nitrate, comi., kgs.....lb. .02¾- .03

Oxalate, powd., kgs.....lb. .47 - —

cns.....lb. .52 - —

scales, cns.....lb. .83 - .85

Oxide (see Black, Red, etc.),

Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —

25 lbs.....lb. .57 - —

scales, cns., 50 lbs.....lb. .59 - —

25 lbs.....lb. .62 - —

Ferrous, bbls., 200 lbs.....lb. .35 - —

bxs., 25 lbs.....lb. .40 - —

kgs., 100 lbs.....lb. .37 - —

Pyrophosphate, pearls, cns...lb. .59 - .62

scales, cns.....lb. .64 - .67

Reduced, 90%, cs.....lb. .60 - .65

Sulphate, tech. (see Copperas and ferric sulphate),

USP, cryst., bbls., 275 lbs. lb. .04¼- —

dms., 100 lbs.....lb. .06½- —

Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40

pearls, cns.....lb. .37 - .40

scales, cns.....lb. .47 - .50

green, gran., cns.....lb. .37 - .40

pearls, cns.....lb. .37 - .40

scales, cns.....lb. .47 - .50

Oxalate, bxs.....lb. .31 - —

fib., dms.....lb. .24½- —

kgs.....lb. .26½- —

Iron-potash oxalate, bbls.....lb. .42 - —

kgs.....lb. .44 - —

jars.....lb. .48 - —

Iron-soda oxalate, bxs.....lb. .31 - —

fib., dms.....lb. .24½- —

kgs.....lb. .26½- —

Isobutyl carbinol (see Carbinol).

Isopentane, dms., works.....lb. .48 - —

small lots, works.....lb. .58 - —

Isopropanol, see Alcohol, isopropyl.

Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —

l.c.l., same terms.....lb. .07 - —

tanks, same terms.....lb. .05½- —

Isopropyl alcohol (see Alcohol). Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —

l.c.l.....lb. .08 - —

tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .14 - .15

Jalap root, NF, bls.....lb. .17 - .19

powd., bbls., bxs.....lb. .20 - .21

Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .36 - .37

Kava kava root, bls.....lb. .15 - .16

Kerosene, at refinery:—

Bayonne, 41-43 w.w., tanks, gal. .06¼- —

Gulf ports, p.w., bulk, export, gal. .05 - —

w.w., bulk..gal. .05½- —

Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- .04¾

Oklahoma-Texas, 41-43 w.w., tanks..gal. .04½- .04⅝

42-44 w.w., tanks.....gal. .04¼- .04⅜

Pennsylvania, 45 w.w., tanks, gal. .05¼- —

46 w.w., tanks.....gal. .05⅝- —

47 w.w., tanks.....gal. .05½- —

Kerosene, tankwagon:—

Atlanta.....gal. .12 - —

Boston.....gal. .06¼- —

Chicago.....gal. .10¼ - —

Cincinnati.....gal. .13½- —

Denver.....gal. .11½- —

Louisville.....gal. .10½- —

Minneapolis.....gal. .10½- —

New Orleans.....gal. .13 - —

New York.....gal. .09 - —

San Francisco.....gal. .11½- —

Kerosene distillate (see Oil, furnace).

Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices

Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .55 - .60

Lanolin (see Adeps lanae).

Lard, city tubs.....100 lbs. 9.25 - 9.50

Middlewestern, trcs....100 lbs. 9.05 - 9.30

Neutral, trcs.....100 lbs. 9.75 -10.00

Western, choice, trcs..100 lbs. 9.15 - 9.25

Compound, trcs.....100 lbs. 9.75 -10.00

Larkspur seed, bgs.....lb. .35 - .40

Laurel berries, bls.....lb. .09 - .10

Leaves, Ital., bls.....lb. .05 - .06½

Lavender flowers, ordinary, bls.lb. .35 - .40

select, bls.....lb. .50 - .55

Lead acetate, white, broken, bbls..lb. .11 - —

cryst., bbls.....lb. .11 - —

gran., bbls.....lb. .11¾- —

powd., bbls.....lb. .11¾- —

Arsenate, bgs, dealers E. of Rockies..lb. .13 - —

W. of Rockies.....lb. .13½- —

l.c.l., bgs, dealers, E. of Rockies..lb. .13¼- —

W. of Rockies.....lb. .14 - —

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 95 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¼- —

dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —

l.c.l., dlvd., E.....lb. .06½- —

dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¾- —

Carbonate (see Lead, white).

Chloride, pure, bots., 5 lbs..lb. .62 - —

fib. dms., 25 lbs.....lb. .49 - —

Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —

jars.....lb. 2.40 - —

Linoleate, pale, precip., dms. lb. .19 - —

Metal (see daily quotations in market report)

Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —

5 lb. cont., f.o.b. works..lb. .22 - —

Nitrate, bbls.....lb. .11 - .11½

Oleate, bbls.....lb. .18¼- .20

Peroxide, cns., works.....lb. .46 - .47

Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0765- —

other points.....lb. .0740- —

l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —

dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —

Colo., Mont., N. Mex., Wyo.....lb. .08¼- —

other points.....lb. .07¾- —

smaller lots, dlvd., Ala., etc..lb. .08½- —

Ariz., etc.....lb. .09 - —

Colo., etc.....lb. .08¾- —

other points.....lb. .08¼- —

Lead, red, dry, 97%, Pb_3O_4, bbls., etc., tons) dlvd., Ala., etc..lb. .0790- —

other points....lb. .0765- —

l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —

Ariz, etc.....lb. .08¾- —

Colo., etc.....lb. .09 - —

other points.....lb. .08½- —

98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0815- —

other points.....lb. .0790- —

l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —

Ariz., etc.....lb. .09 - —

Colo., etc.....lb. .08¾- —

other points.....lb. .08½- —

smaller lots, dlvd., Ala., etc..lb. .09 - —

Ariz., etc.....lb. .09½- —

Colo., etc.....lb. .09¼- —

other points.....lb. .08¾- —

in oil, 100-lb. kgs.....lb. .12 - —

Resinate, fused, 16%, bbls....lb. .09½- —

pale, bbls.....lb. .11½- —

precip., bbls.....lb. .16½- —

Stearate, bbls.....lb. .22 - .23

Sulphate (see Lead, white, basic sulphate).

Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —

l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —

smaller lots.....lb. .11½- —

White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —

other points.....lb. .06¾- —

l.c.l., dlvd., Ariz., etc.lb. .07¼- —

other points.....lb. .07 - —

basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06½- —

other points.....lb. .06¼- —

l.c.l., dlvd. Ariz., etc...lb. .06¾- —

other points.....lb. .06½- —

in oil, 100-lb. kgs., consumers..lb. .11¾- —

dealers.....lb. .09¾- —

painters.....lb. .10¾- —

Lemon peel, bls.....lb. .10 - .11

Licorice extract, mass, cs....lb. .17 - .18

powd., bbls.....lb. .24 - .25

Root, bls.....lb. .04½- .05

powd., bbls., bxs.....lb. .07 - .08

select, bndls., cs.....lb. .16 - .17

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —

Berkley, W. Va.....ton. 7.00 - —

California, northern..ton.11.80 - —

southern.....ton.11.45 - —

Cedar Hollow, Pa..ton. 8.00 - —

Chicago.....ton. 7.25 - —

Crab Orchard, Tenn.ton. 6.25 - —

Dallas, Texas.....ton. 8.50 - —

Durbin, Ohio.....ton. 6.50 - —

Eagle Mountain, Va.ton. 6.25 - —

Easton, La.....ton. 7.00 - —

Gibsonburg, Ohio....ton. 7.00 - —

Hannibal, Mo.....ton. 6.50 - —

Keystone, Ala.....ton. 7.00 - —

Knoxville, Tenn.....ton. 6.25 - —

Leroy, Minn.....ton. 8.00 - —

Limedale, Ark.....ton. 7.00 - —

Longview, Ala.....ton. 6.25 - —

Marble Cliff, Ohio....ton. 6.50 - —

Marblehead, Ohio....ton. 7.00 - —

Martinsburg, W. Va.ton. 7.00 - —

Menominee, Mich. ..ton. 7.50 - —

Mitchell, Ind. .....ton. 6.50 - —

Newala, Ala. .....ton. 6.25 - —

Petosky, Mich.....ton. 8.00 - —

Port Island, Mich....ton. 7.50 - —

Ripplemead, Va. ....ton. 6.25 - —

Riverton, Va. .....ton. 6.25 - —

Scioto, Ohio.....ton. 6.00 - —

Sheboygan, Wis. ....ton. 7.00 - —

Sherwood, Wis. ....ton. 7.50 - —

Springfield, Mo. ....ton. 7.00 - —

Woodville, Ohio.....ton. 7.00 - —

hydrated, paper bags, f.o.b. Bellefonte, Pa..ton 8.50 - —

Berkley, W. Va.....ton. 8.50 - —

Buffalo.....ton.10.00 - —

California, northern..ton.15.30 - —

southern.....ton.13.95 - —

Cedar Hollow, Pa....ton. 8.50 - —

Chicago.....ton. 9.50 - —

Crab Orchard, Tenn.ton. 9.00 - —

Dallas, Tex.....ton.12.00 - —

Durbin, Ohio.....ton. 8.00 - —

Eagle Mountain, Va..ton. 8.50 - —

Easton, La.....ton. 9.00 - —

Farnams, Mass.....ton. 9.00 - —

Gibsonburg, Ohio....ton. 8.50 - —

Hannibal, Mo. .....ton. 8.50 - —

Keystone, Ala. .....ton. 9.00 - —

Knoxville, Tenn.....ton. 9.00 - —

Limedale, Ark. ....ton. 9.00 - —

Longview, Ala. .....ton. 9.00 - —

Louisville, Ky. .....ton.14.50 - —

Marble Cliff, Ohio...ton. 8.00 - —

Marblehead, Ohio....ton. 9.00 - —

Martinsburg, W. Va.ton. 8.50 - —

Milltown, Ind. .....ton.12.50 - —

Mitchell, Ind. .....ton. 9.00 - —

Newala, Ala. .....ton. 9.00 - —

Pelham, Ala. .....ton. 9.00 - —

Petoisky, Mich. ....ton. 9.00 - —

Port Island, Mich....ton. 9.00 - —

Rapid City, S. D....ton.12.00 - —

Rippiemead, Va. ....ton. 8.00 - —

Riverton, Va. .....ton. 9.00 - —

Scioto, Ohio.....ton. 8.00 - —

Sherwood, Wis. ....ton. 9.00 - —

Siluria, Ala. .....ton. 9.00 - —

Springfield, Mo. ....ton. 9.00 - —

Woodville, Ohio.....ton. 8.50 - —

spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —

Durbin, Ohio .....ton. 9.00 - —

Farnams, Mass.....ton. 9.00 - —

Gibsonburg, Ohio....ton.11.00 - —

Marble Cliff, Ohio....ton.11.00 - —

Marblehead, Ohio....ton.11.00 - —

Mitchell, Ind. .....ton. 9.00 - —

Scioto, Ohio .....ton. 9.00 - —

Sherwood, Wis. ....ton. 9.00 - —

Woodville, Ohio.....ton.11.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½

dms, same basis.....lb. .10½- —

400 lbs., or more, bgs., same basis..lb. .07¾- .08¾

dms., same basis.....lb. .11 - —

less than 400 lbs., same basis, lb. .08½- .09½

dms., same basis.....lb. .12 - —

solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .14½

dealer, fr't all'd.....gal. .13 - .16

l.c.l., consumer, fr't all'd, gal. .15 - .18

dealer, fr't all'd.....gal. .14 - .17

tanks, consumer, dlvd.gal. .11½- —

dealer, dlvd.....gal. .11 - —

Pacific Coast, tanks, f.o.b. Richmond or San Jose, Calif.....gal. .10 - —

53-gal. dms., same basis, gal. .13 - —

53-gal. dms., ex whse., gal. .15 - —

Linalool, cns.....lb. 2.10 - 6.30

Linalyl acetate, cns., 25 lbs...lb. 1.70 - 6.30

Linden flowers, with leaves, bls.lb. .18 - .19

without leaves, bls.....lb. .20 - .21

Linseed cake, bgs., export....ton.33.00 - —

Meal, 32%, dom., bgs.....ton.45.00 - —

Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0665- —

other points.....lb. .0640- —

5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .07 - —

Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —

Colo., Mont., N. Mex., Wyo..lb. .07¼- —

other points .....lb. .06¾- —

smaller lots, dlvd. Ala., etc. lb. .07½- —

Ariz., etc. .....lb. .08 - —

Colo., etc. .....lb. .07¾- —

other points.....lb. .07¼- —

Lithium bromide, 100 lbs., works, frt. equal'd..lb. 1.90 - —

50 lbs., works.....lb. 1.93 - —

25 lbs., works.....lb. 1.95 - —

Carbonate, bbls., 250 lbs....lb. 1.25 - —

kgs., 100 lbs.....lb. 1.30 - —

Chloride, jars, 25 lbs.....lb. 1.65 - 1.70

Citrate, bbls., 250 lbs.....lb. 1.40 - —

fib. dms., 25 lbs.....lb. 1.45 - —

kgs., 100 lbs.....lb. 1.40 - —

Iodide, bots., 5 lbs.....lb. 4.85 - —

jars, 25 lbs.....lb. 4.70 - —

Fluoride, bbls.....lb. 2.10 - 2.25

Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .05¾- —

smaller lots, same basis, lb. .06¼- —

bbls., 20 tons, same basis, lb. .06¼- —

smaller lots, same basis, lb. .06¾- —

ordinary, bgs., 20 tons, same basis..lb. .04¾- —

smaller lots, same basis, lb. .04¾- —

bbls., 20 tons, same basis, lb. .04¾- —

smaller lots, same basis, lb. .04¾- —

titanated, bgs., 20 tons, same basis..lb. .05¾- —

smaller lots, same basis, lb. .06¼- —

bbls., 20 tons, same basis, lb. .06¼- —

smaller lots, same basis, lb. .06¾- —

Liverwort leaves, bls.....lb. .18 - .19

Lobelia herb, bls.....lb. .13 - .14

Seed, bgs.....lb. .35 - .36

Logwood extract, cryst., bbls..lb. .18 - .24

liquid, 51°, bbls.....lb. .09½- .11½

solid, bxs.....lb. .15 - .19

Sticks, Haitian, shipt.....ton.24.00 -25.00

Lovage root, dom., bls.....lb. .55 - .65

import, bls.....lb. .35 - .37

Lupulin, N.E., tins.....lb. 1.90 - 2.00

Lycopodium, cs.....lb. 1.30 - 1.35

M

Mace, Banda, cs.....lb. .52 - .54

Batavia, cs.....lb. .45 - .46

Siauw, 1, cs.....lb. .51 - .52

Madder, Dutch, bgs.....lb. .22 - .25

Calcined, tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.....lb. .25 - .30

1-lb. pkgs., same basis.lb. .35 - .40

light, bbls., same basis..lb. .20 - .25

1-lb. tins, same basis..lb. .30 - .35

USP, heavy, bbls., same basis lb. .25 - .30

1-lb. pkgs., same basis.lb. .35 - .40

special, bbls., same basis, lb. .22 - .27

Standard light, bbls., same basis..lb. .20 - .25

1-lb. tins, same basis...lb. .30 - .35

calcined, USP, import., heavy, pharm., bbls..lb. .50 - —

light, extra, bbls.....lb. .36 - .40

standard, bbls.....lb. .30 - —

Carbonate, tech., Zone 1, bgs., c.l..lb. .05¾- —

l.c.l.....lb. .06½- —

bbls., c.l.....lb. .06¾- —

l.c.l.....lb. .07½- —

kgs., c.l.....lb. .08½- —

l.c.l.....lb. .09 - —

USP, Zone 1, bbls., c.l.....lb. .07¾- —

l.c.l.....lb. .08½- —

kgs., c.l.....lb. .09½- —

l.c.l.....lb. .10 - —

Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including dlvd. store-door.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00

Hypophosphite, cns., 100 lbs.lb. 1.45 - —

25 lbs.....lb. 1.50 - —

Oxide (see Calcined).

Palmitate, bbls.....lb. .33 Nom.

Peroxide, 15%, dms., works.lb. 1.00 - 1.95

Silicate (see Talc).

Silicofluoride, bbls.....lb. .09½- .10½

Stearate, bbls., ctns., c.l.....lb. .21 - —

c.l.....lb. .21 - —

1 ton.....lb. .22 - —

1,000-2,000 lbs.....lb. .23 - —

smaller lots.....lb. .24 - —

Sulphate (see Epsom salt).

Magnesite, cal., import, bbls.ton.60.00 -65.00

dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —

Malva flowers, black, bls.....lb. .40 - .42

blue, bls.....lb. .45 - .50

Leaves, bls.....lb. .11 - .12

Manaca root, bls.....lb. .20 - .21

Mandrake root, bls.....lb. .18 - .19

Manganese acetate, dms.....lb. .26½- —

Arsenate, bgs.....lb. .12 - .12½

Borate, tech., bbls.....lb. .15 - .16

Carbonate, bbls.....lb. .21 - .22

Chloride, bbls.....lb. .09 - —

Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —

l.c.l., 5 tons, works..ton.69.50 - —

smaller lots, works..ton.74.50 - —

burlap bgs., c.l., works.ton.64.50 - —

l.c.l., 5 tons, works..ton.67.50 - —

smaller lots, works.ton.72.50 - —

paper bgs., c.l., works.ton.62.50 - —

l.c.l., 5 tons, works.ton.65.50 - —

Glycerophosphate, bbls., kgs., 1,000-lb. lots.....lb. 2.61 - —

smaller lots.....lb. 2.71 - —

cns., 25 lbs.....lb. 2.83 - —

solut., djns., 1,000-lb. lots, lb. .61 - —

smaller lots.....lb. .71 - —

cns., 25 lbs.....lb. .81 - —

Manganese, hydrate, bbls., dlvd., lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs .....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, 50-52%, basis, bbls., c.l., Atl. ports..unit-ton. .45 - .47
Resinate, fused, 3½%, bbls...lb. .08¼- .08½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.00 -25.50
Manna flake, large cs.....lb. .37 - .38
small, cs.....lb. .20 - .22
Mannitol, pure, cryst., cs., works, lb. 1.45 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17½- .18
Tunisan, bls. .....lb. .16¾- .17
Matico leaves, bls.....lb. .28 - .30
Menthol, U.S.P., natural, cs..lb. 3.10 - 3.20
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs. .....lb. 3.00 - —
liquid, dms., 40 lbs. ....lb. 1.60 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .77 - —
25 lbs.....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs.....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs. lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib., dms., 100 lbs.....lb. 3.55 - —
yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.29 - —
USP, fib. dms., 50 lbs. or more..lb. 1.81 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg.14.25 -14.75
3⅜x3⅜ in.....pkg.15.50 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5⅛ in.....pkg.21.50 -22.00
3⅜x5⅛ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroaniliin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenedaimine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .34 - —
tanks, frt. alld., E. of Rockies..gal. .28 - —
Methanol, denat. grade, prices on Pacific Coast are 4c. per gal. higher.
pure, nat'l or synth., dms., c.l., Zone 1, frt. all..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt alld.
Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., dlvd..lb. .08 - .09
l.c.l., dms., dlvd.....lb. .08½- .09½
5-10-gal. cont., works....lb. .11½- .12½
tanks, dlvd.....lb. .07 - .08
tech., dms., c.l., dlvd.....lb. .07½- .08½
l.c.l., dms., dlvd.....lb. .08 - .09
5-10-gal. cont., works....lb. .11 - .12
tanks, dlvd.....lb. .06½- .07½
tanks, delvd.....lb. .06½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .34½- —
2, ...gal. .37½- —
3, ...gal. .38½- —
4, ...lb. .40½- —
tanks, contracts, Zone 1.gal. .28½- —
2 .....gal. .31 - —
3 .....gal. .32 - —
4 .....gal. .32½- —
Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b, shipping point, freight allowed to destination; barrell packing, 2½c. per gal. more, in all brackets. The sale zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass,, Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis., Ala., Ark., Ga., Kans., La., Miss., Neb., N. D., S. C., S. D.; Zone 2, Col., Fla., Okla., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies, gal. .45 - —
3, Pacific Coast.....gal. .46 - —
l.c.l., Zone 1, frt. alld, E. of Rockies..gal. .44½- —
2, frt., alld. E. of Rockies..gal. .51 - —
3, Pacific Coast.....gal. .48½- —

Methyl acetone, synth., tanks, Zone 1, frt. alld. E. of Rockies.....gal. .36 - —
2, ft. alld. E. of Rockies, gal. .38½- —
3, Pacific Coast.....gal. .39½- —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.70
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb, .80 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride prices are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices,
Cinnamate, bots. .....lb. 2.45 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .43
cns. .....lb. .42 - .45
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs. .....lb. 2.35 - —
Chloride, dms., f.o.b. works.lb, .18 - .22
Methylheptenone, bots. .....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech,, wks..lb. .60 - —
Methylnaphtyl ketone, cryst., bots..lb. 3.25 - 3.30
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 -
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l. works.....ton.42.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.50.00 -60.00
second grade, bgs., c.l., works..ton.28.90 -30.00
l.c.l., works.....ton.20.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.28.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E....lb. .04¼- —
l.c.l., works.....lb. .04¼- —
water, bgs., c.l., dlvd. E..lb. .04 - —
l.c.l., works.....lb. .04 - —
paper, wall or coated bgs., c.l., frt. alld., E..lb. .03¾- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¼- —
smaller lots, frt. allid., E..lb. .04¾- —
rubber, bgs., c.l., frt. allid. E. lb. .03½- —
l.c.l., 2,000 lbs., ft., allid., E..lb. .04 - —
smaller lots, frt. allid., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher on Pacific coast.
Milk powder, skimmed, roller, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
spray, bbls., c.l.....lb. .09 - —
l.c.l. .....lb. .10 - —
unskimmed, roller, bbls., c.l..lb. .21 - —
l.c.l. .....lb. .21½- —
spray, bbls., c.l.....lb. .21 - —
l.c.l. .....lb. .21½- —
Millet seed, yellow, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .07 - —
New Orleans.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molydenum metal, kgs., 99% powd..lb. No Prices.
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniliin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine .....lb. .75 - 1.00
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08

Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.90 - —
5 lbs. to 75 lbs.....lb. 4.20 - —
1 lb.....lb. 4.35 - —
ketone, cns., 100 lbs. or more, lb. 4.05 - —
5 lbs. to 75 lbs.....lb. 4.35 - —
1 lb.....lb. 4.50 - —
xylol, cns., 100 lbs. or more, lb. 1.15 - —
5 lbs. to 75 lbs.....lb. 1.25 - —
1 lb.....lb. 1.40 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .06 - .06½
California, brown, bgs.....lb. .07½- .07¾
yellow, bgs.....lb. No stocks.
Chinese, yellow, bgs.....lb. .05¾- .06½
Danish, yellow, bgs.....lb. .08¼- .08¾
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .08 - .08½
Hungarian, yellow, bgs....lb. .07¾- .07¾
Roumanian, yellow, bgs....lb. .05¾- .06¼
Myrobalans, J1 bgs., shipt..ton.29.50 - —
J2, bgs., shipt.....ton.22.50 - —
R2, bgs., shipt.....ton.22.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works.... 100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.85 - —
l.c.l., bgs., works.....100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.10 - —
78 deg., bgs., c.l., works.... 100 lbs. 3.10 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs, works.....100 lbs. 3.35 - —
bbls., works.....100 lbs. 3.60 - —
Import, bgs., Atl. ports,.... 100 lbs. 2.20 - 2.25
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07½- —
pkgs. (16 oz.), same basis, lb. .08 - —
(12 oz.) same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. allid.lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitrocake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocelluiose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronsing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls. lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrolliville, Wis., dlvd.....unit-ton. 2.25 - —
Chemical, Ill....unit-ton. 2.25 - —
East Coast producing points..unit-ton. 2.50 - —
import., bgs., c.l.f., Atlantic ports, shipt..unit-ton. 2.55 - —
Nitronaphthalene, bbls.....lb. .24 - .26
Nitrotoluene, mixed, dms.....lb. .10¼- .11
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipmt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs.....lb. .17 - .17½
West Indian,, bgs.....lb. .13 - .13½
Nux vomica, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., works....lb. .03¼- —
l.c.l., bbls., works.....lb. .03¼- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .13 - —
l.c.l., G.3. .....gal. .15 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.75
s.p.a., bots.....lb. 2.00 - 2.50
sweet, true, exp., cns.....lb. .61 - .62
Amber, crude, cns.....lb. .16 - .17
ref'd. cns.....lb. .62 - .63
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, U.S.P., cns., dms.....lb. 1.25 - 1.30
Apricot kernel, cns.....lb. .20 - .21
Babassu, tanks.....lb. .06¾- .07
Bay, W. I., cns.....lb. 1.35 - 1.50
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 4.00 - 4.10
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectif'd., cns.....lb. .70 - .75
Bois de rose, Brazil, cans....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .55 - .60
USP IX, cns.....lb. .66 - .72
Calamus, cns.....lb. 5.50 - 5.75
Camphor, sassafrassy, cns...lb. .20 - .21
dms. .....lb. .17 - .18
white, cns. .....lb. .20 - .21
dms. .....lb. .17 - .18
Cananga, native, cns.....lb. 1.50 - 1.65
rectified, cns.....lb. 2.15 - 2.75
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25

Manganese—Oil, Linaloe

Oil, cardamom, bots.....lb.20.00 -38.00
Cassia, U.S.P., cns,, dms....lb. 1.20 - 1.25
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l....lb. .09½- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l.....lb. .11¼- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .06¾- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .09½- —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .10 - —
Cedarleaf, cns.....lb. .55 - 1.15
dms. .....lb. .80 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb. 8.75 -14.00
Chaulmoogra, USP, cns., 500 lbs. lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .15¾- .16¼
tanks .....lb. .15½- .16
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .40 - .42
dms. .....lb. .38 - .40
Java, dms.....lb. .45 - .48
Clove, makers, U.S.P., cns..lb. 1.07 - 1.12
dms. .....lb. 1.05 - 1.10
Coconut, Manila, crude, tanks, lb. .04¼- —
Pac. Cst.....lb. .03¾- —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09½- —
l.c.l. .....lb. .10 - —
tanks .....lb. .09 - —
Cod, Newfoundland, tanked, bbls..gal. .52 Nom.
Norwegian, shipt., bbls...gal. .34 - .35
Codliver, med., USP, Norwegian, bbls..bbl.27.50 -28.50
Coriander, bots.....bots.23.00 -24.00
Corn, crude, tanks, works...lb. .06¾- .06¾
refd., bbls. .....lb. .09 - .09½
Cottonseed, dom., cooking, bbls., lb. .08¾- —
salad, bbls.....lb. .08¾- —
import., Brazilian, semi-refd. dms..lb. .05 Nom.
British, semi-refd., dms..lb. .05¾ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 7.75 - 8.50
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb.12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk.....bbl. 2.10 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.00 - 3.75
Weed, bots.....lb. 3.85 - 4.10
Dip (See D):—
Erigeron, cns.....lb. 2.40 - 2.50
Eucalyptus, cns.....lb. .44 - .46
dms. .....lb. .42 - .44
Fennel, sweet, cns.....lb. 1.20 - 1.30
Fuel, bunker, California, tidewater..bbl. 1.05 - 1.20
Gulf Coast.....bbl. .95 - 1.00
Louisiana Arkansas, 10-14, bbl. .80 - .85
N. Y. and N. J. terminals:—
Monday .....bbl. 1.25 - —
Tuesday .....bbl. 1.25 - —
Wednesday .....bbl. 1.25 - —
Thursday .....bbl. 1.25 - —
Friday .....bbl. 1.25 - —
Saturday .....bbl. 1.25 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test...bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test...bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04½- .04¾
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .05¼- —
4, bulk, same basis.....gal. .05¼- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¾- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 .....gal. .03½- .03¾
36-38 .....gal. .03¾- .03¾
38-40, straw.....gal. .03¾- .04
38-40 xara, 60 s.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .03¾- —
North Texas, bulk.....gal. .03 - —
Oklahoma, bulk.....gal. .03½- —
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 4.00 - 4.75
Bourbon, cns.....lb. 3.75 - 4.35
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.25
Ginger, dist., bots.....lb. 7.75 - 8.00
Gualac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, import, bots....gross. 3.25 - 3.35
Halibut-liver, dms ..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns....lb. 1.20 - 1.75
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .40 - .45
cns. .....lb. .45 - .50
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08½- —
extra, bbls.....lb. .10½- —
1, bbls.....lb. .09¼- —
winter, strained, extra, bbls lb. .10¾- —
prime burning, bbls.....lb. .11¼- —
prime, ed., bbls.....lb. .12¼- —
ined., bbls.....lb. .11 - —
Laurel bots.....lb. 6.50 - 6.75
Lavandin, cns., 25 lbs.....lb. 2.25 - —
Lavender flower, French, USP, 50% ester, cns....lb. 5.50 - 5.60
USP, 38-42% ester, cns..lb. 4.80 - 4.90
XI, 35% ester, cns.....lb. 4.00 - 4.50
XI, 30% ester, cns.....lb. 2.80 - 3.00
IX, 30% ester, cns.....lb. 2.65 - 2.75
VIII, 30% ester, cns.....lb. 2.25 - 2.35
garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 2.80 - 3.50
Lemongrass, native, cns., dms., lb. .42 - .43
Lime, dist., cans.....lb. 5.40 - 6.00
expressed, cans.....lb. 8.75 - 9.25
Linaloe wood, cns.....lb. 1.30 - 1.40

Oil, Linseed—Orange Mineral

Oil, linseed, boiled, bbls., c.l.	lb.	.1070- —
l.c.l., 5 or more	lb.	.1110- —
less than 5	lb.	.1150- .1170
tanks	lb.	.1010- —
double boiled, bbls., less than 5-lbs.		.1170- .1190
raw, bbls., c.l.	lb.	.1030- —
l.c.l., 5 or more	lb.	.1070- —
less than 5	lb.	.1110- —
tanks	lb.	.0970- —
Lovage, bots.	lb.	41.25 -42.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—		
California, green, 70, 80, 100 vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4½, 15-25 pour, tanks.	gal.	.23 - —
200-210 E, 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
160 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
Oil, lubricating, at rfy., Okla., neutral, 200 vis., 3 color, tanks	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks,	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
300 vis., 3½, color, tanks.	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour		
Penn., bright, 600 cold test, 10-40 pour, tanks.	gal.	.20 - —
10-15 pour, tanks.	gal.	.21 - —
cylinder, 600 fire, tanks.	gal.	.12 - —
600 flash, tanks.	gal.	.16 - —
630 flash, tanks.	gal.	.19 - —
635 fire, tanks.	gal.	.13½- —
650 fire, tanks.	gal.	.16 - —
Warren, E, amber, tanks,	gal.	.17 - —
neutral, 150 vis., 3 color, tanks.	gal.	.24 - —
180 vis.,3 color,tanks.	gal.	.26 - —
200 vis.,2 color,tanks.	gal.	.28½- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.28 - —
unfiltered, 600 s.r.	bbls. f.a.s.	.22½- —
600 flash, s.r., bbls., c.l.,	gal.	.25½- —
630 s.r., bbls., c.l., f.a.s.	gal.	.25 - —
Oil, lubricating, spot, Warren, E, bbls., c.l., f.a.s.,	gal.	.25½- —
smaller lots, f.o.b.	gal.	.27½- —
Mace, dist., cns., dms.	lb.	1.25 - 1.30
Mandarin, superior, coppers.	lb.	7.50 - 7.75
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.37½ Nom.
refd., alkali, dms	lb.	.0840- .0860
tanks	lb.	.0780- —
blown, dms	lb.	.0840- .0860
kettle-boiled, dms	lb.	.0940- .0960
light pressed, dms	lb.	.0780- .0710
tanks	lb.	.0710- —
Mineral, white (see Oil, white mineral)		
Mustard, artif., USP, cns.	lb.	1.90 - 2.00
dist., natural, bots.	lb.	8.50 - 9.00
expressed, bbls.	lb.	.75 - .80
Neatsfoot, cold test, bbls.	lb.	.16¾- —
extra, bbls.	lb.	.08¾- —
1, bbls.	lb.	.09¼- —
pure, bbls.	lb.	.11¾- —
prime, bbls.	lb.	.10¾- —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli, bots.	lb.	115.00 -140.00
Nutmeg, USP, cns., dms.	lb.	1.25 - 1.30
Oiticica, dms	lb.	.12⅞- .13¼
Oleo, 1, bbls.	lb.	.09½- —
2, bbls.	lb.	.09 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., bbls.	gal.	1.15 - 1.20
edible, bbls.	gal.	2.35 Nom.
foots, bbls.	lb.	.09¼- .09½
sulphonated, 50% (43% fat), dms., c.l.	lb.	.12 - —
l.c.l.	lb.	.13 - —
75% (63% fat), dms., c.l.	lb.	.15½- —
l.c.l.	lb.	.14 - —
80% (68% fat), dms., c.l.	lb.	.16½- —
l.c.l.	lb.	.15 - —
Oil, organ.e sweet, dist., cs.	lb.	.90 - —
expressed, African, cns., dms.	lb.	1.50 - 1.55
Calif., cns.	lb.	1.75 - —
Florida, cns.	lb.	1.75 - —
Messina, USP, coppers.	lb.	2.25 - 3.00
West India, cns.	lb.	1.95 - 2.00
Origanum, Spanish, cns.	lb.	.90 - 1.60
Orris, Florentine, concrete, extra strong, bots.	oz.	5.25 - 5.50
Palm, Niger, cks.	lb.	.04¼- —
shipment	lb.	.03⅞- —
softs, 12½%, bulk shipt.	lb.	.0365 Nom.
20%, bulk, shipt.	lb.	.0350 Nom.
Sumatra, shipment, bulk.	lb.	.0375 Nom.
Palmarosa, cns.	lb.	2.40 - 2.60
Palmkernel, bulk, shipt	lb.	.04¼ Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots., cns.	lb.	5.00 - 8.50
Peanut, crude, dom., tanks, works.	lb.	.06¾ Nom.
refd., edible, bbls.	lb.	.10 Nom.
Pennyroyal, dom., cns.	lb.	1.40 - 1.45
import, cns.	lb.	1.40 - 1.50
Peppermint, natural, cns., dms.	lb.	2.15 - 2.40
redist., USP, cns., dms.	lb.	2.35 - 2.60
Perilla, dms.	lb.	.11¼- .11½
tanks	lb.	.10⅝- .11
Petitgrain, Paraguay, cns.	lb.	1.10 - 1.25
Pimento berry, cns.	lb.	3.65 - 7.50
leaf, cns.	lb.	2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.52 - .55
steam-dist., dms.	gal.	.59 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns.	lb.	1.02 - 1.05
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis.	gal.	.27 - —
tanks, same basis.	gal.	.18 - —
Martines, Cal.	gal.	.28 - —
Rapeseed, blown, bbls.	lb.	.14½- .14¾
denat., bbls.	gal.	.90 - .91
Red. dist. or saponif, bbls. dlvd.	lb.	.09⅝- .10⅜
dms., dlvd.	lb.	.09½- .10½
tanks, dlvd.	lb.	.08¾- .09⅜
white, dms	lb.	.12¼- .13
Rose, artif., bots.	oz.	2.00 - 8.00
natural, coppers.	oz.	5.25 -22.50
Rosemary, Spanish, cns.	lb.	.56 - .75
dms.,	lb.	.51 Nom.
Rosin, 1st rectfd., dms.	gal.	.52 - .54
2d rectfd., dms.	gal.	.54 - .56
3d rectfd., dms.	gal.	.58 - .60
Rue, bots.	lb.	2.15 - 2.20
Sage, cns.	lb.	1.50 - 1.55
Sandalwood, Australia, cns.	lb.	4.50 - 5.00
E.I., USP, cns.	lb.	5.25 - 5.50
Sardine, crude, tanks, Pac. Cst.,	gal.	.41 - —
refd., alkali, dms.	lb.	.0840- .0860
tanks	lb.	.0780- —
kettle-bodied, dms.	lb.	.0940- .0960
light, pressed, dms.	lb.	.0780- .0760
tanks	lb.	.0710- —
Sassafras, artif., cns.	lb.	.37 - .38
dms.	lb.	.34 - .35
natural, cns., dms.	lb.	.90 - 1.05
Savin, cns.	lb.	1.50 - 1.60
Savory, cns,	lb.	2.00 - 2.25
Sesame, dom., refd., white, dms.	lb.	.10¼- .10½
Shingle stain, bbls., c.l., works,	gal.	.18 - —
l.c.l., works.	gal.	.21 - —
tanks, works.	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	10.00 -11.00
Soybean, dom., crude, dms.	lb.	.0710- .0750
tanks	lb.	.0650- —
refd., dms.	lb.	.0830- .0920
tanks	lb.	.0770- —
Spearmint, USP, cns.	lb.	1.65 - 1.70
Sperm, bleach, 38°, dms.	lb.	.1000- .1020
45°, dms	lb.	.0930- .0950
natural, dms.	lb.	.0880- .0900
Spruce, cans	lb.	1.05 - 1.10
Sweet birch, North, cns.	lb.	3.25 - 3.50
South, cns.	lb.	1.65 - 2.00
Tallow, acidless, bbls.	lb.	.09½- —
tanks	lb.	.09 - —
Tansy, cns.	lb.	4.00 - 4.25
Tar, com'l, dms., c.l., dlvd., E. cities.	gal.	.26 - —
E. ports.	gal.	.25 - —
l.c.l.	gal.	.29 - —
tanks, dlvd. E. cities.	gal.	.20 - —
rectfd., USP, bbls., dlvd. E. ports.	gal.	.50 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.08¾- .09
Tea Tree (see Oil, ti tree).		
Thyme, NF, red, dms.	lb.	.60 - 1.50
white, dms	lb.	.78 - 1.70
Ti tree, cns.	lb.	3.50 - 4.00
Tung (see Oil, chinawood).		
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	4.25 - 5.00
Valerian, bots.	lb.	11.00 -12.00
Vetiver, bots.	lb.	4.40 -16.50
Walnut, crude, dms.	lb.	.13 - —
refd., dms.	lb.	.14¼- —
Whale, refd., natural, dms.	lb.	.0940- .0960
winter, bleach, dms.	lb.	.0980- .1000
Wheat germ, cns., dms.	gal.	27.50 -30.00
White, mineral, dom., tech., 50-60 vis., dms.	gal.	.42 - .44
65-75 vis., dms.	gal.	.44 - .46
80-90 vis., dms.	gal.	.45 - .47
USP, 80-90 vis., dms.	gal.	.54 - .56
95-105 vis., dms.	gal.	.63 - .65
125-135 vis., dms.	gal.	.75½- .77½
140-150 vis., dms.	gal.	.76½- .78½
175-185 vis., dms.	gal.	.78½- .80½
200-210 vis., dms.	gal.	.80 - .82
320-330 vis., dms.	gal.	.85½- .87½
335-345 vis., dms.	gal.	.87 - .89
Russian, 80-90 vis., dms.,	gal.	.54 - —
145-155 vis., dms.	gal.	.74½- —
175-185 vis., dms.	gal.	.76½- —
335-345 vis., dms.	gal.	.85 - —
Wintergreen, natural, North. cns.	lb.	4.00 - 8.00
South, cns.	lb.	3.35 - 3.75
synth. (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.50 - 2.60
Wormwood, cns.	lb.	2.65 - 2.70
Ylang-ylang, Bourb., bots., cns.,	lb.	3.50 - 6.00
Manila, bots.	lb.	18.00 -24.00
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.12 - —

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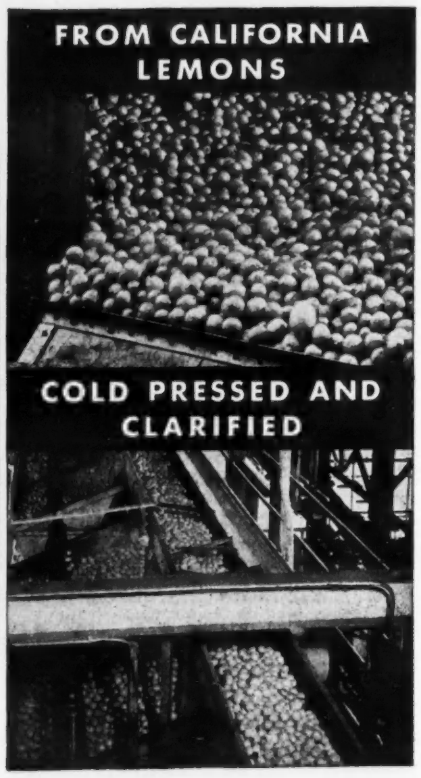

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Pioneer Manufacturer of Liquid Chlorine

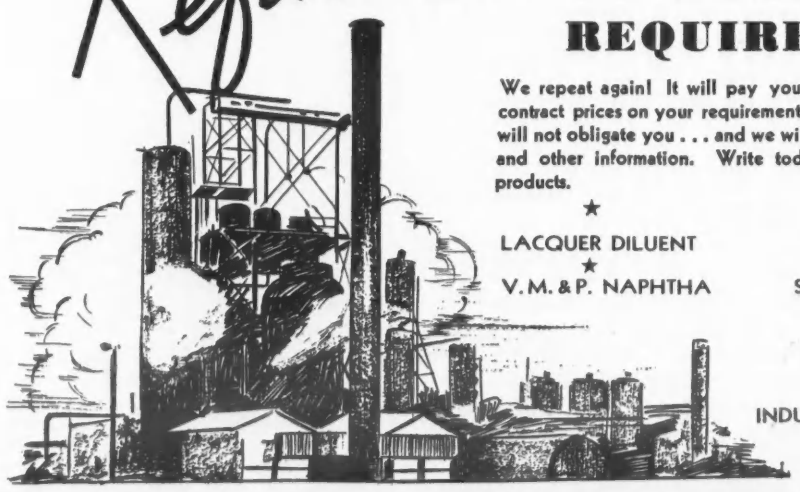
Niagara Caustic Soda"

P.S. Many feel the same about our Caustic Potash and Carbonate of Potash, also.

Orange mineral, Amer., 5 tons, dlvd., Colo., Mont., N. M., Wyo., lb. .10¾- —
Other points lb. .10¼- —
smaller lots, dlvd., Ala., etc. lb. .11 - —
Ariz., etc. lb. .11½- —
Colo., Mont., N. M., Wyo. lb. .11¼- —
Other points lb. .10¾- —
Orange, mineral, French, Tours, csks., ex dock lb. .17 - —
kgs., ex dock lb. .18½- —
Molybdate, bbls. lb. .31 - —
Toner, bbls. lb. .80 - —
Orangeflower petals, cs. lb. .35 - .40
Orange peel, bitter, bls. lb. .08 - .09
Sweet, bls. lb. .10 - .11
Orris root, Florentine, bgs. lb. .10 - .11
fingers, cs. lb. .90 - .95
powd., bbls., bxs. lb. .14 - .15
Verona, bls. lb. .09 - .10
powd., bxs., cs. lb. .13 - .14
Orthoanisidin, bbls. lb. .70 - .74
Orthochloroanilin, dms. lb. .60 - .75
Orthochlorophenol, dms. lb. .35 - .75
Orthocresol, dms., c.l., works lb. .13½- —
l.c.l., same basis lb. .14¼- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies lb. .06 - —
l.c.l., dms., same basis lb. .07 - —
100-lb. tins, same basis lb. .08 - —
50-lb. tins, same basis lb. .09 - —
tanks, same basis lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms lb. .55 - —
Orthonitrochlorobenzene, kgs. lb. .15 - .18
Orthonitroparachlorophenol, cns. lb. .70 - .75
Orthonitrotoluene, dms lb. .08 - —
Orthotoluene sulphonate, kgs. lb. 2.00 - 2.05
Orthotoluidin, dms lb. .16 - —
Osage orange extract, cryst., bbls., lb. .17 - .19
liquid, 51°, bbls. lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works lb. 3.50 - —
bots., cns., 1-50 lbs. lb. 3.65 - 4.00

P

Papain, powd., cs. lb. 2.75 - 3.00
Paprika, Hungarian, extra fancy, bgs. lb. .21 - .22
medium, bgs. lb. .20 - .20½
Spanish, extra fancy, cs. lb. .25½- .26
fair, bgs. lb. .22 - .22½
fancy, bgs. lb. .25 - .25½
medium, bgs. lb. .23½- .24
Para-aminoacetanilide, kgs. lb. .85 Nom.
Para-amylphenol, tertiary, dms., c.l., works lb. .26 - —
Parachlorophenol, dms. lb. .30 - .45
Paracymene, refd., dms. gal. .75 - 1.20
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l., dms. lb. .12½- .14½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy. lb. .03 - —
bbls., c.l., N. Y. lb. .0240- —
124-126 A.m.p., bgs., c.l., Okla., refy. lb. .03½- —
bbls., c.l., N. Y. lb. .0240- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y. lb. .02⅝ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l. lb. .0445- —
export, f.a.s., N. Y. lb. .0465- —
125-127 A.m.p., bgs., c.l. lb. .0455- —
export, f.a.s., N. Y. lb. .04¾- —
128-130 A.m.p., bgs., c.l. lb. .0480- —
export, f.a.s., N. Y. lb. .05 - —
130-132 A.m.p., bgs., c.l. lb. .0495- —
export, f.a.s., N. Y. lb. .0515- —
133-135 A.m.p., bgs., c.l. lb. .0555- —
export, f.a.s., N. Y. lb. .05¾- —
135-137 A.m.p., bgs., c.l. lb. .0580- —
export, f.a.s., N. Y. lb. .06 - —
138-140 A.m.p., bgs., c.l. lb. .0635- —
143-145 A.m.p., bgs., c.l. lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l. lb. .03¼- —
Paraffin, semirfd., solid, 122-124 A.m.p., bgs. lb. .03¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C. lb. .34 - —
100 to 900 lbs. shipments, same basis lb. .35 - —
Paraldehyde, tech., dms., wks. lb. .16 - .18
USP, cbys. lb. .37 - .45
Paranitroanilin, kgs., c.l., works, lb. .45 - —
l.c.l., works lb. .47 - —
Paranitrochlorobenzene, kgs. lb. .15 - .16
Paranitrophenol, kgs. lb. .35 - .37
Paranitrotoluene, kgs. lb. .35 - —
Paraphenylenediamine, bbls. lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls. lb. .70 - .75
Paratoluidin, bbls. lb. .56 - —
Pareira brava root, bls. lb. .15 - .16
Paris green, dealer, dms., cans, f.o.b. works frt. all'd lb. .25½- .27½
less car lot, same basis lb. .26½- .28¼
Passion flower herb, bls. lb. .07 - .07½
Patchouli leaves, bls. lb. .14 - .15
Pellitory root, bls. lb. .18 - .20
Pennyroyal herb, bls. lb. .07 - .08
leaves, bls. lb. .14 - .15
Pentane, norm., 28-38°, dms., c.l., G.3. gal. .12½- —
l.c.l., G.3 gal. .16 - —
tanks, G.3 gal. .08½- —
laboratory grade, dms., c.l., G.3. gal. .16 - —
l.c.l., G.3 gal. .25 - —
Pepper, black, Alleppy, bgs. lb. .07¾ Nom.
Lampong, bgs. lb. .05 - .05½
Tellicherry, bgs. lb. .08¼- .08½
Red, birdseye, bgs. lb. .15 Nom.
Japanese, 1, bgs. lb. .20 - .20½
Mombassa, bgs. lb. .20 Nom.
White, Java, Muntok, bgs. lb. .08¾- .09
Singapore, Muntok, bgs. lb. .08¼- .08½
Peppermint leaves, dom,, bls. lb. .32 - .33
import, bls. lb. .40 - .42
Peru, balsam, dms. lb. .82 - .85
Petrolatum, amber, bbls., c.l., lb. .02½- .03
l.c.l. lb. .04 - .04½
cntrs, bbls. lb. .03½- .03¾
l.c.l. lb. .04¼- .04½
cream (see white, cream)
green (see red)
red, veterinary, bbls., c.l. lb. .02¾- .02⅞
l.c.l. lb. .03¾- —
white, cream, bbls., c.l. lb. .05 - .05¼
l.c.l. lb. .06⅜- —
lily, bbls., c.l. lb. .06 - .06¼
l.c.l. lb. .07⅜- —
snow, bbls., c.l. lb. .07 - .07¼
l.c.l. lb. .08⅜- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights bbl. .74 - .95
Athens bbl. .84 - 1.08
Belridge bbl. .70 - 1.32
Buena Vista Hills bbl. .70 - 1.38
Canal-Greely bbls. .84 - 1.64
Coalinga bbl. .70 - .90
Coyote Hills (West) bbl. .78 - 1.32
Domingues bbl. .79 - 1.00
East Coyote bbl. .76 - .96
Elk Hills bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo bbl. .80 - 1.21
Huntington Beach bbl. .78 - 1.22
Inglewood bbl. .79 - 1.27
Kern Front bbl. .70 - —
Kern River bbl. .70 - —
Kettleman Hills bbl. 1.19 - 1.43
La Habra bbl. .76 - .96
Lakeview bbl. .70 - 1.38
Lost Hills bbl. .70 - 1.32
McKittrick bbl. .70 - —
Midway - Sunset (except Lakeview) bbl. .70 - 1.38
Montebello bbl. .77 - 1.43
Mt Poso bbl. .70 - —
Mountain View bbl. .79 - 1.20
Newhall bbl. .70 - —
Orcutt bbl. .79 - .93
Olinda Brea bbl. .76 - 1.37
Playa del Rey, f.o.b. pipeline bbl. .80 - 1.16
Richfield bbl. .76 - 1.09
Rosecrans bbl. .84 - 1.66
Round Mt. bbl. .70 - —
Santa Fe Springs bbl. .78 - 1.42
Santa Paula bbl. .70 - 1.01
Seal Beach bbl. .79 - 1.19
Signal Hill bbl. .80 - 1.21
Torrence bbl. .80 - 1.05
Wheeler Ridge bbl. .70 - .83
Whittier bbl. .76 - .96
Wilmington bbl. .75 - 1.21
Canada:—
Oil Springs bbl. 2.17 - —
Petrolia bbl. 2.10 - —
Central West:—
Illinois bbl. 1.35 - —
Lima bbl. 1.23 - —
Midland (Mich.) bbl. 1.12 - —
Princeton bbl. 1.35 - —
East Texas bbl. 1.35 - —
Gulf Coast:—
Barber's Hill bbl. .95 - 1.41
Batson bbl. .95 - 1.41
Dayton bbl. .95 - 1.41
Esperson bbl. .95 - 1.41
Goose Creek bbl. .95 - 1.41
Hull bbl. .95 - 1.41
Humble bbl. .90 - 1.41
Liberty bbl. .90 - 1.41
Markham bbl. .90 - 1.29
Orange bbl. .95 - 1.41
Pettus bbl. 1.37 - —
Pierce Junction bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet) bbl. 1.01 - 1.17
Saratoga bbl. .95 - 1.41
Sour Lake bbl. .90 - 1.41
Spindle Top bbl. .95 - 1.41
Sugarland bbl. .95 - 1.41
West Columbia bbl. .96 - 1.41
Kentucky, Tennessee:—
Big Sandy river bbl. 1.42 - —
Kentucky river bbl. 1.50 - —
Western Kentucky (Owensboro) bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou bbl. .90 - 1.22
Caddo bbl. .90 - 1.22
Cameron Meadows bbl. .90 - 1.30
Choctaw bbl. .90 - 1.30
Cotton Valley bbl. .90 - 1.22
Darrow bbl. .90 - 1.30
De Soto bbl. .90 - 1.22
El Dorado bbl. .90 - 1.22
Haynesville bbl. .90 - 1.22
Homer bbl. .90 - 1.22
Iowa bbl. .90 - 1.30
Lockport bbl. .90 - 1.30
Miller County bbl. .90 - 1.22
Pine Island bbl. .90 - 1.22
Rainbow bbl. .90 - 1.22
Rodessa bbl. .90 - 1.22
Smackover bbl. .90 - —
Tepetate bbl. 1.24 - —
Urania bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco bbl. 1.05 - —
Tax, 14.392c. per bbl.
Tuxpan bbl. No prices.
Tax, 23.45c. per bbl.
Midcontinent:—
North Texas bbl. .96 - 1.20
Oklahoma-Kansas bbl. .98 - 1.30
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany bbl. 2.20 - —
Corning bbl. 1.27 - —
Pennsylvania grade, in Buckeye lines bbl. 1.70 - —
Eureka lines bbl. 1.82 - —
N. Y. Transit lines bbl. 2.20 - —
S.W. Penn. lines bbl. 1.88 - —
lower district in National Transit lines bbl. 2.10 - 2.15
Rocky Mountain:—
Big Muddy bbl. 1.18 - 1.23
Canon City-Florence bbl. 1.10 - —
Cat Creek bbl. 1.40 - —
Dutton Creek bbl. 1.06 - 1.30
Elk Basin bbl. 1.30 - —
Fort Collins-Wellington bbl. 1.01 - 1.35
Frannis, light bbl. .82 - —
Grass Creek bbl. 1.30 - —
Greybull bbl. 1.30 - —
Iles bbl. 1.12 - 1.18
Lance Creek bbl. .97 - —
Midway bbl. 1.06 - 1.30
Rock Creek bbl. 1.20¼- —
Salt Creek bbl. 1.06 - 1.30
Sunburst bbl. 1.20 - —
Torchlight bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County bbl. .98 - 1.26
Cleveland-Liberty bbl. 1.27 - —
Conroe bbl. 1.20 - 1.44
Darst Creek bbl. 1.09 - —
Hardin-Liberty bbl. 1.15 - —
Luling bbl. 1.00 - —
Lytton Springs bbl. 1.12 - —
Mirando (incl. Duval) bbl. .98 - 1.30
Texas (cont.)—
Panola County bbl. .93 - 1.25
Salt Flat bbl. 1.09 - —
Tomball bbl. 1.20 - 1.44
Van bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.08
Gray County bbl. .96 - 1.08
West Texas:—
Artesia, N. M. bbl. .90 - —
Crane bbl. .78 - 1.08
Crockett bbl. .78 - 1.08
Ector bbl. .78 - 1.08
Glasscock bbl. .78 - 1.08
Hogback bbl. 1.53 - —
Howard bbl. .78 - 1.08
Jackson, N. M. bbl. .90 - —
Lea, N. M. bbl. .78 - 1.08
Maljamar, N. M. bbl. .90 - —
Mitchell bbl. .78 - 1.08
Pecos bbl. .91 - —
Upton bbl. .78 - 1.08
Winkler bbl. .78 - 1.08
Ether, 30-60°, dms., c.l., G. 3. gal. .14 - —
l.c.l., G.3 gal. .17 - —
tanks, G.3 gal. .13 - —
55-60°, dms., l.c.l., G.3 gal. .35 - —
40-75°, dms., c.l., G.3 gal. .14 - —
l.c.l., G.3 gal. .16 - —
tanks, G.3 gal. .13 - —
laboratory grade, dms., c.l., G.3. gal. .16 - —
c.l., G.3 gal. .25 - —
10-gal. lots, G.3 gal. .50 - —
Lacquer, diluent, at refinery:—
California 60, 169 l.b.p., 263 e.p., tanks, delvd. Los Angeles gal. .11 - —
San Francisco gal. .11¼- —
f.o.b. Richmond gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash. gal. .12 - —
East Coast, tanks gal. .12 - .12¼
Group 3, tanks gal. .08⅜- —
Naphtha, cleaners, at refinery:—
East Coast, tanks gal. .10 - —
Group 3, tanks gal. .07⅜- —
tankwagon, Boston, ex-tax, gal. .13 - —
Bridgeport gal. .13¼- —
Chicago, inc. 4c. tax gal. .172 - —
Decatur, inc. 4c. tax gal. .191 - —
Des Moines, inc. 4c. tax gal. .189 - —
Evansville, inc. ex tax gal. .14½- .15¼
Milwaukee, inc. 5c. tax, gal. .203 - —
Minneapolis-St. Paul, inc. 5c. tax gal. .20½- —
Newark, ex tax gal. .12 - —
New York, ex tax gal. .12 - —
Omaha, ex tax gal. .144 - .154
Oklahoma City, ex tax gal. .16 - —
Philadelphia, ex tax gal. .11½- —
St. Louis, inc. 1c. tax gal. .157 - —
Petroleum, naphtha, cleaners, t/w., Syracuse, 150 gals. gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway gal. .16 - —
2, over 90% arom., same basis gal. .18 - —
3, tanks, f.o.b. Bayway gal. .18 - —
8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J. gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt. gal. .16¼- —
30, same basis gal. .18¼- .19
40, same basis gal. .14½- .15⅛
V. m. & p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo gal. .11 - —
Richmond gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash. gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, dlvd. Los Angeles gal. .10 - —
San Francisco gal. .10¼- —
Portland, Seattle gal. .11 - —
East Coast, tanks gal. .10 - .10⅛
Group 3, tanks gal. .07⅜- —
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax gal. .162 - —
Decatur, inc. 4c. tax gal. .191 - —
Des Moines, inc. 4c. tax gal. .189 - —
Evansville, Ind., ex tax gal. .147 - .157
Milwaukee, inc. 5c. tax gal. .203 - —
Minneapolis-St. Paul, inc. 5c. tax gal. .20¼- —
Newark, ex tax gal. .12½- —
New York, ex tax gal. .10½- —
Omaha, ex tax gal. .144 - .154
Philadelphia, ex tax gal. .12½- —
St. Louis, inc. 1c. tax gal. .157 - —
Solvent, rubber, at refinery, East Coast, tanks gal. .10 - —
Group 3, light, 120 l.b.p., 250 e.p., tanks gal. .07⅜- —
standard, 180 l.b.p., 288 e.p., tanks gal. .07⅜- —
Stoddard (CS 3-28), at refinery:—
East Coast, tanks gal. .10 - —
Group 3, tanks gal. .06⅜- —
tankwagon, Boston, ex tax, gal. .12½- .13⅛
Chicago, inc. 4c. tax gal. .150 - —
Decatur, inc. 4c. tax gal. .181 - —
Des Moines, inc. 4c. tax gal. .179 - —
Evansville, Ind., ex tax gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .193 - —
Minneapolis - St. Paul, inc. 5c. tax gal. .181 - —
Newark, ex tax gal. .11½- —
New Orleans, ex tax gal. .11 - —
New York, ex tax gal. .11½- —
Omaha gal. .131 - .141
Philadelphia, ex tax gal. .11½- —
St. Louis, inc. 1c. tax gal. .146 - —
Tulsa, ex tax gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles gal. .14 - —
Portland, Ore. gal. .15 - —
Richmond gal. .13½- —
Seattle, Wash. gal. .15½- —
44, 311 l.b.p., 383 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond gal. .10 - —
Southern Calif. gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo gal. .11 - —
Portland, Ore. gal. .12 - —
Richmond gal. .11½- —
Seattle, Wash. gal. .12 - —
East Coast, 43-47, tanks gal. .09½- .10
47-49 tanks gal. .09½- .10
New Jersey, tanks gal. .09 - —
Group 3, tanks gal. .06⅜- —



Refined.. TO SUIT Your REQUIREMENTS

We repeat again! It will pay you to ask Deep Rock for contract prices on your requirements for 1938. Your inquiry will not obligate you . . . and we will gladly furnish samples and other information. Write today about any of these products.

★ LACQUER DILUENT ★ V.M.&P. NAPHTHA

★ NAPOLEUM SPIRITS ★ STODDARD SOLVENT ★ RUBBER SOLVENT ★ MINERAL SEAL OIL ★ INDUSTRIAL LUBRICANTS ★ SPECIAL KEROSENES

DEEP ROCK OIL CORPORATION

GENERAL SALES OFFICE: 155 NORTH CLARK STREET, CHICAGO

Decatur Des Moines Milwaukee Minneapolis Oklahoma City Omaha St. Louis Tulsa

Refinery: Cushing, Oklahoma

Pet. Thinner—Pyroxylin

Petroleum, thinner, tankwagon, tax included:—
Albany ..... gal. .13 - —
Baltimore (100 gals.) .. gal. .12½- .15½
25-99 gals. ..... gal. .13½- .15½
Boston ..... gal. .12½- .13½
Bound Brook, North Amboy, N. J. .. gal. .11½@ .13½
Bridgeport, Conn. .... gal. .13 - —
Buffalo ..... gal. .12½- —
Camden, N. J. ..... gal. .115 - .136
Chicago ..... gal. .159 - —
Decatur, Ill. ..... gal. .181 - —
Des Moines ..... gal. .179 - —
Evansville, Ind. ..... gal. .137 - .147
Milwaukee ..... gal. .193 - —
Minneapolis-St. Paul ... gal. .19½- —
Newark ..... gal. .09½- —
New York (200 gals.) . gal. .11 - —
smaller lots ..... gal. .11½- .12
Omaha ..... gal. .131 - .141
Philadelphia ..... gal. .115 - .135
Pittsburgh ..... gal. .12 - .14
Providence ..... gal. .12½- .13½
Rochester ..... gal. .12 - .16
St. Louis ..... gal. .147 - —
Syracuse ..... gal. .14 - —
Trenton ..... gal. .11½- .14
Wilmington, Del. ..... gal. .11½- .13½
Phenobarbital, bots., 5 lbs. .... lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs. .. lb. 4.00 - —
cns., 25 lbs. ..... lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald. .. lb. .14½- .15½
l.c.l., same basis. ..... lb. .15¼- .16¼
under 1,000 lbs. ..... lb. .16½- .17½
tanks, works. ..... lb. .13½- —
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots .. lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
Phenolphthalein, yellow, fib., dms., 2,000-lb. lots .. lb. .80 - —
100-lb. fib. dms. ..... lb. .82 - —
25-lb. dms. ..... lb. .87 - —
50-lb. kgs. ..... lb. .94 - —
Phenyl chloride, dms. ..... lb. .17 - —
Phenylacetaldehyde, bots. ..... lb. 2.20 - 2.50
Dimethylacetate, cns. ..... lb. 14.50 -15.00
Phenylethyiphenyl acetate, bots., lb. 11.50 -15.50
Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works .. lb. 4.00 - —
commercial, kgs., works .... lb. 1.50 - —
pure, bbls., works ..... lb. 2.25 - —
Phloroglucinol, CP, tins, works. lb. 20.00 -22.00
tech., tins. works ..... lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines .. long ton. 4.35 - —
land pebble, 68% min., bulk, mines .. long ton. 1.85 - —
70% min., bulk, mines .... long ton. 2.35 - —
72% min., bulk, mines .... long ton. 2.85 - —
75% basis, 74% min., bulk mines .. long ton. 3.35 - —
Phosphate rock, Tenn., 72% bulk, mines .. long ton. 4.50 - —
Tenn., 72% bulk, mines .... long ton. 4.50 - —
75%, bulk, mines .. long ton. 5.50 - —
Phosphorus, red, cs. ..... lb. .40 - .44
Yellow, cs. ..... lb. .24 - .30
Oxychloride, cyls. ..... lb. .15 - .18
Sesquisulphide, cs. ..... lb. .38 - .42
Trichloride, cyls. ..... lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R. .. lb. .14½- —
l.c.l., same basis. ..... lb. .15½- —
Pichi leaves, bgs. ..... lb. .08 - .10
Pilocarpine hydrochloride, bots., vis. .. oz. 2.40 - 2.50
Nitrate, bots., vis ..... oz. 2.90 - 3.00
Pimento, bgs. ..... lb. .14½- .14¾
Pinkroot, bls. ..... lb. .45 - .46
Pitch, Burgundy (see B)
Cealtar, 160° m.p., bbls., c.l., works .. ton. 19.00 - —
l.c.l. ..... ton. 22.00 - —
Pitch, hardwood, 1-time, dm., c.l., dlvd. Akron .. ton. 23.75-24.00
Linseed, dms. ..... lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas, dom.,
Pine, bbls. ..... bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. ..... lb. .12 - .13
Podophyllin, dms. ..... lb. 4.80 - 4.85
Poke root, bls. ..... lb. .07½- .08
Pomegranate bark, bgs. ..... lb. .17 - .18
Root bark, bgs. ..... lb. .35 - .36
Poppy flowers, red, bls. ..... lb. .70 - .75
Seed, Dutch, bgs. ..... lb. .09⅝- .09⅞
Polish, bgs. ..... lb. .09¾- .09¾
Potash acetate, USP, bbls., 250 lbs. .. lb. .28 - —
kgs., 100 lbs. ..... lb. .30 - —
cns., 25 lbs. ..... lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs. .. lb. .11 - —
demj., 50 lbs. ..... lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .. lb. .18 - —
kgs., 100 lbs. ..... lb. .20 - —
gran., bbls., 250 lbs. ..... lb. .18 - —
kgs., 100 lbs. ..... lb. .20 - —
Bichromate spot, c.l., works, lb. .08¾- —
6 casks or 10 bbls., or over, works .. lb. .09 - —
5 casks or 9 bbls., or less, works .. lb. .09¼- —
Binoxalate, dms. ..... lb. .23 - —
Bisulphate, kgs. ..... lb. .15¾- .16
Bromide, USP., gran., bbls., 500 lbs .. lb. .31 - —
fib., dms., 100 lbs. ..... lb. .32 - —
Carbonate, calc., dms., c.l., works .. lb. .06½- —
l.c.l., same basis. ..... lb. .06¾- —
Potash, carbonate, hydrated, 83-85%, bbls., c.l., works .. lb. .05½- —
l.c.l., same basis ..... lb. .05¾- —
liquid, dms., c.l., dlvd. .... lb. .03 - —
l.c.l., dms. ..... lb. .03¼- —
tanks, dlvd. ..... lb. .02¾- —
USP, gran., bbls., 325 lbs. .. lb. .14 - —
kgs., 100 lbs. ..... lb. .16 - —
powd., bbls., 325 lbs. ..... lb. .19 - —
kgs., 100 lbs. ..... lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works .. lb. .07 - —
l.c.l. ..... lb. .07¼- .07¾
import, dms. ..... lb. .07 - .07¼
liquid, 45% bassi, dms. ..... lb. .03½- .03¾
tanks ..... lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works .. lb. .06¼- —
l.c.l. ..... lb. .06½- .06¾
import, casks. ..... lb. .06¼- .06¾
Chlorate, cryst., kgs. ..... lb. .09¼- .09½
gran., kgs. ..... lb. .12 - .13
powd., kgs. ..... lb. .08½- .09
Chloride, tech., 98%, cryst., bgs., kgs .. lb. .04 - .06
Chromate, kgs. ..... lb. .19 - .26
Citrate, USP, gran., bbls., 250 lbs .. lb. .34 - —
kgs, 100 lbs. ..... lb. .35 - —
cns., 50 lbs. ..... lb. .36 - —
cns., 25 lbs. ..... lb. .38 - .39
Cyanide, cns., dms. ..... lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots .. lb. 1.15 - —
smaller lots. ..... lb. 1.30 - —
cns., 25 lbs. ..... lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs .. lb. 1.65 - —
cns., 25 lbs. ..... lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs .. lb. .30 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs. ..... lb. .75 - —
Iodate, bbls., bots., 5 lbs. .... lb. 3.17 - —
cns., 25 lbs. ..... lb. 3.05 - —
Iodide, bbls., 250 lbs. ..... lb. .93 - —
bots., or cns. ..... lb. 1.02 - 1.28
dms. ..... lb. .95 - .96
Kainit, 20% K_2O, bulk, c.i.f., ports .. ton. 12.75 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.i.f. ports, unit-ton. .56½- —
import., 30%, K_2O, bulk, shipt. unit-ton. .58¼- —
Metabisulphite, kgs. ..... lb. .13 - .16
Muriate, dom., all strengths, min. 50% K_2O bulk .. unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports .. unit-ton. .53½- —
Potash muriate prices in bags are $3 ton higher than bulk price.
Oxalate, pure, cryst., kgs. .... lb. .30 - .31
tech., bbls. ..... lb. .25 - .30
Nitrate, crude, bgs., Jan.-May shipt., c.i.f. ports .. ton. 57.50 - —
Perchlorate, kgs., works ..... lb. .09½- .11½
Permanganate, tech., dms. .. lb. [illegible]
Prussiate, red, bbls. ..... lb. .35 - .37
Yellow, bbls. ..... lb. .15 - .16
Ricinoleate, tech., bbls. ..... lb. .13 - —
Silicate alkaline, lump, bgs. .. lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs .. lb. .13 - —
kgs., 100 lbs. ..... lb. .15 - —
powd., bbls., 350 lbs. ..... lb. .14 - —
kgs., 100 lbs. ..... lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports .. ton. 38.00 - —
Xanthate, dms., c.l. ..... lb. .13 - —
l.c.l. ..... lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 25.75 - —
Potash-titanium oxalate, kgs. .. lb. .33 - .35
Prickly ash bark, bls. ..... lb. .12 - .13
Berries, bls. ..... lb. .15 - .16
Prince's pine herb, bls. ..... lb. .22 - .23
Propane, tanks, G.3. ..... gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls. ..... lb. .18 - .19
Pumice stone, Italian, Amer., grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works .. lb. .03 - —
less than 3, works .. lb. .03½- —
F and 1, bbls., 3 or over, works .. lb. .03½- —
less than 3, works .. lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works .. lb. .04 - —
less than 3, works .. lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex-dock, N. Y. .. ton. 32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton. 37.70 - —
1,000-10,000 lbs., ex whse. .. ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse. .. ton. 40.70 - —
single bgs., ex whse. ton. 45.70 - —
Pumpkin seed, bgs. ..... lb. .10 - .12
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs. ..... 100 lbs. 3.10 - —
100-499 lbs. ..... 100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. .. 100 lbs. 4.65 - —
500-999 lbs. ..... 100 lbs. 4.85 - —
100-499 lbs. ..... 100 lbs. 5.00 - —
refined dms., 1,000 lbs. 100 lbs. 5.15 - —
500-999 lbs. ..... 100 lbs. 5.35 - —
100-499 lbs. ..... 100 lbs. 5.50 - —
standard, dms., 1,000 lbs., 100 lbs. 3.65 - —
500-999 lbs. ..... 100 lbs. 3.85 - —
100-499 lbs. ..... 100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand .. gal. 5.00 - 5.35
basis (30 to 1) 3.0% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand, gal. 7.75 - 7.85
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 16 tons or over .. lb. .18 - —
fine powd. Japan, bbls., ton lots, frt. alld .. lb. .19 - —
Pyridin, denaturing, dms. .... gal. 1.55 - —
refd., 2° dms. ..... lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports .. unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins .. lb. 2.15 - 2.40
resublimed, fib, dms., tins .. lb. 4.60 - —
Pyroxylin scrap, amber, cs., works .. lb. .15 - —
black, cs., works ..... lb. .10 - —
China white, ivory, cs., works .. lb. .16 - —
dense white, cs., works ... lb. .12 - —
gray, cs., works ..... lb. .10 - —
mixed, mottles, opaque, cs., works .. lb. .04 - —
shell-demi, cs., works .... lb. .12 - —
translucent pastels, cs., works .. lb. .10 - —
transparent, cs., works ... lb. .20 - —
colors, cs., works ..... lb. .12 - —
shavings, amber, cs., works .. lb. .16 - —
colors, mixed, cs., works .. lb. .10 - —
white, cs., works ..... lb. .15 - —

No Greasy Residues!

One of Skellysolve's 5 Advantages As A Lacquer Diluent

by **A. ERNEST MACGEE**

Manager Skellysolve Division, Skelly Oil Company

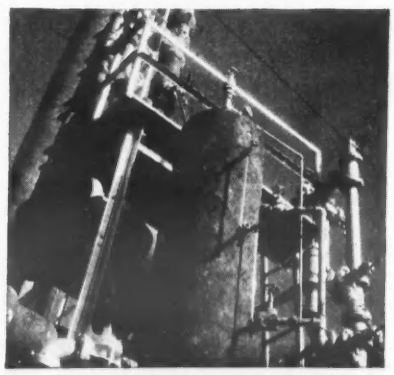
A number of the chemists and plant managers in the paint, lacquer and varnish industry that I've talked to lately have mentioned the same thing: Skellysolve's lack of greasy residues helps them make better products. Its complete, rapid drying, with minimum gum formation makes Skellysolve the ideal line of solvents for manufacturers of high-quality paints.

There are other advantages, too, in Skellysolve that I know you'll find equally important. One is *uniformity*. You don't have to change formulas with each shipment when you use Skellysolve, so you save trouble and money. Another advantage is *close boiling ranges,* some as low as 15 degrees F. from initial to dry flask end point. And these boiling ranges stay constant, in formulas or storage. And still another is *low evaporation losses*. This cuts costs, reduces fire hazard and tendency to blush.

And an additional great advantage, making 5 in all, is Skellysolve's dependable supply. Skellysolve's command of raw materials and ample plant capacity is your assurance of uninterrupted supply for years to come. And that's important, as many manufacturers have found when their sources of solvent failed them, causing costly delay.

So, whatever type or price of solvent you need, why not call us and talk it over. We pioneered in the development of dependable, uniform, special naphthas. We're still pioneering, in close cut fractions, and rigid quality-control. I'm sure a talk with us will pay you.

One of Skelly's natural gasoline plants that assure an ample supply for years to come.



SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 121 W. Wacker Drive, Chicago

Write or wire for information or prices without delay.

Q

Quassia, chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 55% tan., bbls., works..lb. .06½- —
tanks, works.....lb. .06 - —
Quebracho, solid, 65%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04½- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .06
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flasks. 80.00 -81.00
Quince seed, bgs.....lb. .85 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .93 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .93 - —
Arsenate, cns.....oz. .93 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns.....oz. .93 - —
Hypophosphite, cns.....oz. .96 - —
Phosphate, cns.....oz. .87 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .67 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06½- .06¾
Dutch, bgs.....lb. .06½- .06¾
Japanese, bgs.....lb. .06½- .06½
Raspberries, dried, bbls.....lb. .65 - .66
Red, alizarin lake bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - —
Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .91 - —
smaller lots, same basis, lb. .96 - —
kgs., ton lots, same basis, lb. .98 - —
smaller lots, same basis, lb. 1.01 - —
light shade, bbls., ton lots, same basis..lb. .76 - —
smaller lots, same basis, lb. .81 - —
kgs., ton lots, same basis, lb. .81 - —
smaller lots, same basis, lb. .86 - —
light-medium shade, bbls., ton-lots, same basis..lb. .81 - —
smaller lots, same basis, lb. .86 - —
kgs., ton lots, same basis. lb. .86 - —
smaller lots, same basis, lb. .91 - —
maroon shade, bbls., ton lots, same basis..lb. 1.01 - —
smaller lots, same basis, lb. 1.06 - —
kgs., ton lots, same basis, lb. 1.06 - —
smaller lots, same basis, lb. 1.11 - —
medium shade, bbls., ton lots, same basis..lb. .86 - —
smaller lots, same basis, lb. .91 - —
kgs., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
Selenide, bbls., dark works..lb. 2.75 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.60 - —
Carmine, 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls. lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake.....lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls. 1.34 - —
Metallic, bbls., Pa., works..lb. .92 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic rhodamine Y, kgs..lb. 4.15 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Red, Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .03½ Nom.
Toluidin toner, kgs., same basis alizarin lakes..lb. 1.85 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15% bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermillion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.60 - —
smaller lots.....lb. 1.61 - 1.69
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more...lb. 1.60 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .55 - .60
powd., bbls., kgs.....lb. .60 - .65
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots.....lb. .16½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .15 - —
smaller lots.....lb. .15½- —
Rose flowers, pale, bls.....lb. .32 - .34
Red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05½- .06
Rosin, gum, B, bbls., ex dock.... 280 lbs. 6.00 - —
D, bbls.....280 lbs. 6.00 - —
E, bbls.....280 lbs. 6.95 - —
F, bbls.....280 lbs. 7.10 - —
G, bbls.....280 lbs. 7.15 - —
H, bbls.....280 lbs. 7.30 - —
I, bbls.....280 lbs. 7.40 - —
K, bbls.....280 lbs. 7.45 - —
M, bbls.....280 lbs. 7.60 - —
N, bbls.....280 lbs. 7.75 - —
W. G., bbls.....280 lbs. 8.60 - —
W. W., bbls.....280 lbs. 9.00 - —
X, bbls.....280 lbs. 9.00 - —
Rosin, wood, New York, F. F., bbls..280 lbs. 6.40 - 7.35
K, bbls.....280 lbs. 7.15 - 8.10
M, bbls.....280 lbs. 7.80 - 8.75
N, bbls.....280 lbs. 8.30 - 9.25
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton. 35.00 - —
l.c.l., ex whse.....ton. 50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .20 - .21
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .35 - .40
Spanish, tins.....lb. 23.00 -24.00
Safrol, cns.....lb. .50 - .58
4ms.....lb. .47 - .53
Sage, Dalmatian, stemless.....lb. .06¼- .06¾
garden, bls.....lb. .06½- .07
Sago flour, bgs.....lb. .03¼- .04¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .99 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton. 11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton. 14.00 -14.50
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton. 14.80 - —
l.c.l., dlvd. N. Y.....ton. 15.50 - —
Saltcake, grd., dom., bbls., works, ton. 19.00 -25.00
bulk, works.....ton. 15.00 - —
import, bulk, c.i.f.....ton. 15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb. 25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .42 - .43
Mexican, bls.....lb. .18 - .19
Sassafras bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .23 - .25
Savory, bbls.....lb. .07½- .08
Saw palmetto berries, bgs.....lb. .10 - .12
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .12¾- —
smaller lots.....lb. .13¼- —
kegs, 5,000 lbs., 1 shipm't.lb. .13½- —
smaller lots.....lb. .13¾- —
Senega root, bls.....lb. .57 - .58
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd. bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.10 - 1.15
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .17 - .17½
dlvd. Boston.....lb. .17½- .18
Chicago.....lb. .18 - .18½
Pacific Coast.....lb. .19 - .19½
refd., bbls., f.o.b. N. Y....lb. .23 - .24
dlvd. Boston.....lb. .23½- .24½
Chicago.....lb. .24 - .25
Pacific Coast.....lb. .26 - .27
Garnet, bgs.....lb. .14 - .15
Orange, D.C., VSO., Diamond, cases..lb. .21 - .22
superfine, bgs., f.o.b. Bost., N. Y..lb. .13 - .13½
dlvd. Chicago.....lb. .13½- .14
Pacific Coast.....lb. .16 - .16½
T. N., bgs., f.o.b. Bost., N.Y., lb. .12 - .12½
dlvd. Chicago.....lb. .12½- .13
Pacific Coast.....lb. .15 - .15½
Shellac varnish, orange, 5-lb. cut, bbls..lb. .85 - .96
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works, ton. 17.00 - —
l.c.l., 2½ tons, works, ton. 19.00 - —
smaller lots, works, ton. 20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton. 18.00 - —
l.c.l., 2½ tons, works, ton. 19.50 - —
smaller lots, works, ton. 21.00 - —
400 mesh, bgs., c.l., works, ton. 35.00 - —
l.c.l., 2½ tons, works, ton. 36.50 - —
smaller lots, works, ton. 38.00 - —
96-98%, 3.25 mesh., bgs., c.l., works..ton. 20.00 - —
l.c.l., 2½ tons, works, ton. 21.50 - —
smaller lots, works, ton. 23.00 - —
99%, 325 mesh, bgs., c.l., works..ton. 22.00 - —
l.c.l., 2½ tons, works, ton. 23.50 - —
smaller lots.....ton. 27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton. 11.00 - —
l.c.l., works.....ton. 16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .6464- —
Nitrate, vis.....oz. .32½- .34⅝
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb. 75.00 -80.00
Skullcap, Eastern, bls.....lb. .30 - .35
Western, bls.....lb. .18 - .20
Skunk cabbage root, bls.....lb. .18 - .20
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 10.00 -15.00
Sloe berries, bgs.....lb. .08 - .09
Smalt, black, extra velvet, ctns. lb. .06 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .10 - .11
powd., bbls.....lb. .14 - .15
Soda abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .06¼- —
flake, gran., powd., 60%, dms..lb. .04¼- .05
Alginate, dms.....lb. .60 - —
Antimoniate, bbls.....lb. .13¼- .13¾
Arsenate, dms., dealers c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09¼
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .12¼
liquid, dms., works.....gal. .30 - .33
powd., bbls.....lb. .13 - .14
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.33 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l.....100 lbs. 1.45 - —
2.....100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 -
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs. or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .49
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .53
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works.. 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.49 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y...100 lbs. 2.74 - —
Bichromate, spot, c.l., works lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
35 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —

Quassia—Soda Phosphate

Soda, cacodylate, bots., 5 lbs..lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda, sal)
Caustic, flake, 76%, 1, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.65 - 4.00
2.....100 lbs. 3.70 - 5.05
3.....100 lbs. 3.95 - 5.30
4.....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, tanks, works..100 lbs. 1.95 - —
seller's tanks, works..... 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works..... 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2.....100 lbs. 3.30 - —
3.....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .20 - —
cns., 50 lbs.....lb. .22 - —
25 lbs.....lb. .24 - .25
kgs., 100 lbs.....lb. .21 - —
U.S.P. X, gran., bbls., 250 lbs. lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31⅛
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs.....lb. .27 - —
cns., 50 lbs.....lb. .29 - —
25 lbs.....lb. .31 - .33
kgs., 100 lbs.....lb. .28 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17⅛
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots, lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls..... lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, N.F., cns... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lb. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks, 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 6.02 - 6.07
Iodide, jars.....lb. 1.90 - 1.96
Mandelate, bots., 5 lbs.....lb. 3.30 - —
jars, 25 lbs.....lb. 3.20 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, cryst., bbls., c.l., 100 lbs. 2.90 - —
gran., bbls., c.l., works, 100 lbs. 2.20 - —
l.c.l., min. 20 bbls...100 lbs. 2.80 - —
less than 20 bbls., dlvd. N.Y..100 lbs. 3.15 - —
Molybdate, tech., anhyd., kgs., lb. No prices.
cryst., kgs.....lb. No prices.
Monohydrated, bbls.....100 lbs. 2.00 - —
works.....100 lbs. 2.30 - —
Nanathenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs., Jan.-June dlvy., f.o.b. cars producing point or ports, rail or boat shipment..ton. 29.00 - —
200-lb. bgs., same basis, ton. 28.30 - —
bulk, same basis.....ton. 27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .07 - —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .06¼- —
l.c.l.....lb. .06½- .11⅛
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.45 - —
l.c.l.....100 lbs. 8.20 - —

Soda Phosphate—Titanium

Soda phosphate, tribasic, bgs., c.l., works	100 lbs.	2.00	—
l.c.l., works	100 lbs.	2.40	—
bbls., c.l., works	100 lbs.	2.20	—
l.c.l., works	100 lbs.	2.60	—
kgs., c.l., works	100 lbs.	2.70	—
l.c.l., works	100 lbs.	3.10	—
Picramate, kgs	lb.	.65	—
Prussiate, yellow, bbls., works,	lb.	.10	.11½
Pyrophosphate, anhyd., bbls.	lb.	.10	—
cryst., bbls	lb.	.09½	—
Ricinoleate, tech., bbls	lb.	.12	—
Sal, bgs., dlvd., N. Y.	100 lbs.	1.20	—
works	100 lbs.	1.00	—
bbls., dlvd. N. Y.	100 lbs.	1.30	—
works	100 lbs.	1.10	—
Salicylate, bxs	lb.	.52	—
Sesquisilicate, dms., c.l., works,	100 lbs.	3.00	—
20 dms. and up, delvd. N.Y.C.	100 lbs.	3.65	—
5-19 dms	100 lbs.	4.10	—
1-4 dms	100 lbs.	4.30	—
Silicate, 40° turbid, dms., c.l., works	100 lbs.	.80	—
l.c.l., 5 or more, works,	100 lbs.	1.05	—
1-4, works	100 lbs.	1.20	—
52°, dms., c.l., works	100 lbs.	1.40	—
l.c.l., 5 or more, works,	100 lbs.	1.65	—
1-4, works	100 lbs.	1.80	—
Silicofluoride, dom., bbls	lb.	.05¾	.06
import, bbls	lb.	.05¾	.06
Stannate, dms	lb.	.28½	.31½
Stearate, lump, powd., bbls., works	lb.	.24	—
Sulphate, anhyd., bgs., bbls., c.l., works	100 lbs.	1.45	1.65
5 tons or over, works,	100 lbs.	1.70	1.90
less than 5 tons, works,	100 lbs.	1.95	2.15
cryst. (see Glauber's salt).			
Sulphide, cryst., bbls., c.l., works	100 lbs.	2.25	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	2.75	—
less than 5 tons, dlvd.	100 lbs.	3.00	—
solid, bbls., c.l., works	100 lbs.	3.00	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	3.50	—
less than 5 tons, dlvd.	100 lbs.	3.75	—
Sulphite, cryst., bgs., works..	100 lbs.	2.10	2.35
bbls.	100 lbs.	2.50	2.55
powd., bbls., c.l.	100 lbs.	5.25	—
l.c.l., 5 or more	100 lbs.	5.50	—
1-4,	100 lbs.	6.00	—
Sulphocarbolate, cs	lb.	.27	.28
Sulphocyanide, dms., cns	lb.	.28	.47
Sulphoricinoleate, bbls	lb.	.12	—
Thiosulphate (see hyposulphite)			
Tungstate, CP., kgs	lb.	No prices	
tech., kgs	lb.	No prices	
Solvent naphtha, high-flash, dms., works, frt. equald.	gal.	.36	—
tanks, same basis	gal.	.31	—
water-white, dms., works	gal.	.35	—
tanks, E. of Omaha, frt. alld.	gal.	.30	—
W. of Omaha, works	gal.	.30	—
Nitrate, vis	oz.	.32½	.34½
Sorbitol, com'l, solut., dms., c.l., works	lb.	.19	—
l.c.l.	lb.	.20¾	—
Sparteine sulphate, cns	oz.	1.00	1.05
Spearmint leaves, bls	lb.	.19	.20
Spikenard root, bls	lb.	.14	.16
Spruce extract, bbls., works	lb.	.01⅝	—
tanks, works	lb.	.01½	—
powd., bgs	lb.	.04	—
super, bbls., works	lb.	.01⅞	—
tanks, works	lb.	.01⅜	—
Squawvine leaves, bls	lb.	.16	.17
squill red, bls	lb.	.14	.15
White, bls	lb.	.06	.07
powd., bbls., bxs	lb.	.12	.18
St. Ignatius beans, bgs	lb.	.45	.50
St. John's bread, bls	lb.	.05	.06
Starch, corn, pearl, bgs.	100 lbs.	2.98	3.18
powd., bgs	100 lbs.	3.08	3.28
Potato, dom., bgs	lb.	.03½	.05
import, bgs	lb.	.05	.06
Rice, bbls	lb.	.07¼	Nom.
Wheat, thick boil, bbls	lb.	.06¾	Nom.
Staveacre seed, bgs	lb.	.17	.18
Stearin, oleo, bbls	lb.	.07¼	.08
Stillingia root, bls	lb.	.09½	10
Stoneroot, bls	lb.	.07½	.08
Storax, cs	lb.	.45	.49
Stramonium leaves, bls	lb.	.11	.12
Seed, bgs	lb.	.09	.10
Strontium cromide, fib, dms.	lb.	.57	.58
kgs., 150 lbs	lb.	.55	—
Carbonate, pure, bbls	lb.	.80	.81
Iodide, jars, 25 lbs	lb.	2.70	—
bots., 5 lbs	lb.	2.76	—
Nitrate, dom., bbls., c.l., works	lb.	.08¼	—
25 bbls. and over	lb.	.08¾	—
1-4 bbls. and over	lb.	.09¼	—
import, bbls.	lb.	.08¼	.09¼
Strophanthus seed, Kombe, bgs.	lb.	1.80	1.85
Strychnine, cryst., cns	oz.	.48	.51
powd., cns	oz.	.38	.41
Acetate, cns	oz.	.64	—
Arsenate, cns	oz.	.66	—
Arsenite, cns	oz.	.64	—
Glycerophosphate, cns	oz.	.65	—
Hydrochloride, cns	oz.	.64	—
Hydrophosphite, cns	oz.	.75	—
Nitrate, cns	oz.	.58	—
Phosphate, cryst., cns	oz.	.65	—
Sulphate, cryst., cns	oz.	.42	.46
powd., cns	oz.	.52	.56
Styralyl acetate, bots	lb.	6.75	7.00
Sucrose octa - acetate, denat. grade, bbls., l.c.l., works	lb.	.45	—
tech., bbls., l.c.l., works	lb.	.40	—
Sugar coloring, bbls	gal.	.70	1.10
Milk, bbls, c.l.	lb.	.15	—
l.c.l., 10 or over	lb.	.16	—
less than 10	lb.	.17	—
Sulfanilamide, 5 lb. bots	lb.	2.20	—
fib., dms., 1,000 lbs., 1 delivery	lb.	1.25	—
100 lbs	lb.	1.80	—
Sulphonethylmethane, kgs	lb.	6.75	6.90
Sulphonmethane, kgs	lb.	5.25	5.50
Sulphur, crude, bulk, 1,000 tons, mines, contracts,	long ton.	18.00	—
c.i., spot, nearby,	long ton.	21.00	—
ex vessel, Balto., N. Y., Phila., Southern ports,	long ton.	22.00	-25.00
Boat., Portland	long ton.	22.50	-25.50
flowers, bgs., c.l., works	100 lbs.	3.00	—
bbls., works	100 lbs.	3.25	—
l.c.l., bgs., works	100 lbs.	3.35	3.75
bbls. wks	100 lbs.	3.70	4.10
refined, broken, bgs., c.l., works	100 lbs.	2.15	—
bbls., works	100 lbs.	2.30	—
l.c.l., bgs., works	100 lbs.	2.50	2.90
bbls., works	100 lbs.	2.65	3.05
flour, comm'l, bgs., c.l., works.	100 lbs.	1.65	—
bbls., c.l., works	100 lbs.	1.95	—
l.c.l., bgs., works	100 lbs.	1.95	2.35
bbls., works	100 lbs.	2.80	2.70
extra fine, bgs., c.l., works.	100 lbs.	2.85	—
ls., works	100 lbs.	3.20	—
Sulphur, flour, heavy, bgs., c.l., works	100 lbs.	2.55	—
bbls., works	100 lbs.	2.90	—
l.c.l., bgs., works	100 lbs.	2.90	3.30
bbls., works	100 lbs.	3.25	3.45
light, bgs., c.l., works	100 lbs.	2.65	—
bbls., works	100 lbs.	3.00	—
l.c.l., bgs., works	100 lbs.	3.00	3.40
bbls., works	100 lbs.	3.35	3.75
rock, virgin, bbls., c.l., works,	100 lbs.	2.30	—
l.c.l., bbls., works	100 lbs.	2.15	—
roll, bgs, c.l., works	100 lbs.	2.35	—
bbls., works	100 lbs.	2.50	—
l.c.l., bgs., works	100 lbs.	2.70	3.10
bbls., works	100 lbs.	2.85	3.25
Chloride, 55-gal. dms., c.l.	lb.	.03	—
l.c.l., dms., works	lb.	.04	—
10-gal. dms., c.l.	lb.	.07	—
l.c.l.	lb.	.08	—
Dioxide, liq., com'l, cyls., works	lb.	.07	.09
multi-unit cars, works	lb.	.04½	.07
tanks, works	lb.	.04	.05
refrigeration, cyls., works	lb.	.16	.46
multi-unit cars, works	lb.	.07½	.10
Iodide bots., jars	lb.	3.80	3.85
Sumac, grd., Sicilian, bls	ton.	63.00	—
leaf, bales	ton.	68.00	—
Extract, 42°, bbls	lb.	.05¼	.06½
51°, bbls	lb.	.06½	.08½
stainless, bbls	lb.	.08¼	.09¼
Berries, bgs	lb.	.06½	.07
Sunflower seed, Calif., large, bgs.,	lb.	.05¼	.05½
medium, bgs	lb.	.05¼	.05¾
poultry, bgs	lb.	.05	.05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.	ton.	9.00	—
run-of-pile, basis 16%, bulk, same basis	ton.	8.50	—
triple, 44-45%, a.p.a. bulk, f.o.b. Balto	unit-ton.	.85	Nom.

T

Talc., dom., Calif., 1, bgs., c.l., mills	ton.	20.00	—
2, bgs., c.l., mills	ton.	17.00	—
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills	ton.	14.00	—
l.c.l., mills	ton.	16.00	—
96-98%, 325 mesh, bgs., c.l., mills	ton.	15.00	—
l.c.l., mills	ton.	17.00	—
98-88 %, 325 mesh, bgs., c.l., mills	ton.	15.25-	—
l.c.l., mills	ton.	17.25	—
99.85-99.95%, 325 mesh, bgs., c.l., mills	ton.	17.00	—
coarse, off color, bgs., c.l., mills	ton.	11.00	-13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills	ton.	21.00	—
l.c.l., mills	ton.	24.00	—
Vermont, bgs., c.l., mills,	ton.	14.00	—
l.c.l., ex whse	ton.	25.00	—
Canad., bgs., c.f., dlvd	ton.	28.00	—
l.c.l., dlvd	ton.	28.50	—
French, high-grade, bgs., l.c.l., ex whse	ton.	45.00	-60.00
ordinary, bgs., c.l., ex dock, arrival	ton.	23.00	-25.00
l.c.l., ex whse	ton.	27.50	-32.50
Italian, 1, bgs., ex dock, arrival	ton.	65.00	-67.00
ex whse	ton.	85.00	—
2, bgs., ex dock, arrival	ton.	60.00	-62.00
Tallow, animal, edible, bbls	lb.	.07¼	Nom.
extra, loose, works	lb.	.06⅝	—
special, loose, works	lb.	.05⅞	.06¼
sulphonated 35% (24% fat), dms., c.l.	lb.	.07	—
l.c.l.	lb.	.05½	—
50% (43% fat), dms., c.l.	lb.	.07⅛	—
l.c.l	lb.	.08	—
50% (48% fat), dms., c.l.	lb.	.08	—
l.c.l.	lb.	.08½	—
Tamarinds, W. I., bbls	lb.	.06	.06½
kegs	keg.	5.00	5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk	unit-ton.	3.00	& .10
unground, 9-11% ammon., 15-20% b.p.l., bulk	unit-ton.	3.00	- .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk Chicago	unit-ton.	2.75	& .10
high-grade feeding, bulk, Chicago	unit-ton.	3.15	& .10
import., c. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt.	unit-ton.	3.25	& .10
Tansy leaves, bls	lb.	.18	- .20
Tapioca flour, bgs	lb.	.03¼	.03½
Tar acid oil, 15%, dms., c.l., works	gal.	.22½	—
l.c.l., same basis	gal.	.25½	—
25%, dms., c.l., works	gal.	.24½	—
l.c.l., same basis	gal.	.29½	—
Pine, retort, dms., c.l., dlvd. E. cities	gal.	.26	—
dlvd. ports	gal.	.25	—
l.c.l.	gal.	.26	—
tanks, dlvd. E. cities	gal.	.20	—
Tartar emetic tech., fine gran., bbls., 5 or more	lb.	.26¾	—
less than 5	lb.	.27	—
powd., bbls., 5 or more	lb.	.26¾	—
less than 5	lb.	.27	—
USP, powd., bbls	lb.	.32	- .32½
Terebene, cns	lb.	.70	- .75
Terpinyl acetate, cns	lb.	.77	- 1.00
Terpin hydrate, kgs	lb.	.45	- .46
Terpineol, CP, cns	lb.	.25	—
dms.	lb.	.23	—
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt.	lb.	.17	—
Terra alba (see Gypsum).			
Tetrachloroethane, dms., works	lb.	.08	- .08½
Tetrachloroethylene, CP, dms.	lb.	.21½	—
tech., dms	lb.	.09½	—
Tetralin, dms	lb.	.12	—
Thallium sulphate, 99% pure, dms. works	lb.	7.25	- 7.50
Theobromine, cns	lb.	1.85	- 1.95
Sodiosalicylate, cns	lb.	1.65	- 1.75
Thiocarbanilide, dms	lb.	.20	—
Thorium nitrate, cs., works	lb.	2.00	—
Thyme, French, bls	lb.	.18¼	- .18¾
thymol, bots., 100 lbs	lb.	1.65	—
smaller lots	lb.	1.70	- 1.95
Iodide, kgs., 50 lbs	lb.	3.15	- 3.20
25 lbs	lb.	3.25	- 3.30
Tin crystals, bbls., kgs	lb.	.34	- .34½
Metal, Straits	lb.	.42	—
Oxide, bbls	lb.	.48	- .50
Tetrachloride, anhyd., bbls	lb.	.21½	—
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld.	lb.	.16	—
Pac. cst., f.o.b. terminals,	lb.	.16	—
l.c.l., 1,000-39,999 lbs., E. dlvd.	lb.	.16¼	—
Pac. cst., ex whse	lb.	.16¼	—
50-999 lbs., E. dlvd	lb.	.16¾	—
Pac. cst., ex whse	lb.	.16¾	—
under 50 lbs., E. dlvd.	lb.	.19	—
Pac. cst., ex whse	lb.	.19	—

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PARIS WHITE

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ESTABLISHED 1880

Factory and Home Office: CAMDEN, NEW JERSEY

SOUTHWARK BRAND

Titanium dioxide, bbls., c.l. (20 tons), E., frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
phthalate-treated, bgs., c.l., (20 tons) E. frt. alld..lb. 24 - —
Pac. cst., f.o.b. terminal..lb. .24 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24½- —
Pac. cst., ex whse..lb. .24½- —
50-999 lbs., E. dlvd..lb. .24¾- —
Pac. cst., ex whse...lb. .24¾- —
under 50 lbs.....lb. .27 - —
bbls., c.l. (20 tons) E. frt. alld..lb. .24¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24¾- —
50-999 lbs., E. dlvd...lb. .25 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., E. dlvd.....lb. .06¼- —
Pac. cst., ex whse..lb. .06¼- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¼- —
l.c.l., E. dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .85 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms. works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls.....lb. .30 - .31
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, .c. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichlorethylene (methyl c.l., works, frt. alld. Zone A..lb. .089 - —
l.c.l., dms.....lb. .094 - —
Zone B, c.l.....lb. .104 - —
l.c.l., dms.....lb. .109 - —
Zone C, dms., l.c.l.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs. dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
5 to 28 dms.....lb. .25 - —
less than 5 dms.....lb. .28 - .39
2, dms., c.l.....lb. .23½- —
5 to 28 dms.....lb. .24 - —
less than 5 dms.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .20 - —
Triethylenegiycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .06 - .06½
Madras, bgs.....lb. .06¼- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .35¾- —
l.c.l., 10, ex dock.....gal. .37¾- —
5, ex dock.....gal. .39¾- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .30 - —
l.c.l., dlvd.....gal. .33 - —
tanks, dlvd.....gal. .25 - —

Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton101.00 - —
low-acid, 42% N. bgs., 20 tons, f.o.b. Atl. or Gulf ports or Belle, W. Va.....ton.67.00 - —
bulk, same basis.....ton.64.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15¼
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. 1.04 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .12 - .13
Valonia, beards, bgs., shipt...ton.50.00 - —
Cups, bgs., shipt.....ton.35.50 -37.50
Vanilla beans, Bourbon, tins...lb. 3.35 - 3.75
Mexican, tins.....lb. 4.25 - 4.50
cut, tins.....lb. 4.00 - 4.25
South American, tins.....lb. 4.00 - 4.25
Vanillin, ex eugenol, 25-lb. tins. 5-lb. tins.....lb. 3.20 - —
lb. 3.10 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .58 - .60
Tree bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .16¾- .17
Bees, white, bleach, slabs, cs., 500 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10..lb. .25 - .25½
1 bg.....lb. .25¼- .26
Wax, bees, Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28½
refd., slabs, cs., lbs...lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .13½- .14
jobbing lots.....lb. .14 - .14½
Carnauba, No. 3, bgs., chalky, 1 ton..lb. .33½- .34
5 bgs.....lb. .34 - .34½
1 bg.....lb. .34½- .35
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .33½- .34
5 bgs.....lb. .34 - .34½
1 bg.....lb. .34½- .35
refined, bgs.....lb. .37 - .38
yellow, No. 1, bgs., 1 ton..lb. .40 - .43
5 bgs.....lb. .40½- .43½
1 bg.....lb. .41 - .44
No. 2, bgs.....lb. .39 - .41½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p.,bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¼- .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs .....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., bots., 5 lb. 1.69 - —
dms., 50 lbs., or more...lb. 1.56 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.50 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton..... 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .08½- .09

X

Xylol (xylene), comi., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
nitration tanks, E. of Omaha, frt. alld...gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.00
uthepone, all shades, bbls., 1 ton, works, frt. alld.lb. .51 - —
smaller lots, same basis. lb. .56 - —
Yellow, cadmium, lithopone, kgs., ton lots, same basis..lb. .56 - —
smaller lots, same basis, lb. .61 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.60
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01¼- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import. lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03- —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans.... lb. 02575- —
New York.....lb. .02¼- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03¾- —
San Pedro, S. Francisco...lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02¾- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth,, bbls., c.l., works...lb. .06½ —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08½- .10
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc, acetate, USP., bbls., 250 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, ogs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
c.l. bgs cs. .....lb. .11 - —
Arsenite, bgs., cs., c.l. dealers, west of Rockies..lb. .13 - —
l.c.l., bgs., cs.....lb. .13½- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works... 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
gran., U.S.P., dms., 200 lbs.. solution, dms., works....lb. .04½- —
tanks, works.....lb. .0225- —
lb. .25 - —
jars, 25 lbs.....lb. .31 - —
Cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0740- —
l.c.l., bbls., dlvd.....lb. .08 - —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, comi., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac, cst., lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac.cst.lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd., except Pac, cts..lb. .06½- —
ex whse., Pac. cst.lb. .06½- —
50%, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb, .06¼- —
ex whse., Pac. cst.lb. .06¼- —
bbls., c.l., dlvd....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst.lb, .06½- —
French process, coml., lead-free, bgs., c.l., dlvd., lb. .06¼- .07½
l.c.l., dlvd,, except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
Zinc, oxide, pigment, dom., French process, coml., lead-free, bbls., c.l., dlvd..lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb, .06¾- .08
ex whse., Pac cst.lb. .06¾- .08
green seal, bgs.,c.l.,dlvd., lb. .08 - —
l.c.l., dlvd,, except Pac cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd., lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst.lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst.lb. .08 - —
white seal, bgs., c.l., dlvd., lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst.lb. .09 - —
import., gold seal, cks, ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
Oxide, U.S.P., bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms,, dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
U.S.P., bbls. .....lb. .21 - .23
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
c.l.....100 lbs. 2.90 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l.....100 lbs. 4.00 - —
flake, bgs., c.l.....100 lbs. 3.00 - —
l.c.l.....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l.....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l.....100 lbs. 5.75 - —
bbls., c.l.....100 lbs. 5.15 - —
l.c.l.....100 lbs. 5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l., (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .30
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the January 3 issue; the next printing will be in the February 7 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 34.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative office of the bureau and not to this publication. When writing give the number of the item.

Bottles, dispensing flats, with bakelite screw caps; opal glass jars, and fancy toilet and perfumery bottles:—Agency; Capetown, South Africa (5068).

Bottles, perfume, and glass and porcelain containers for toilet preparations:—Agency; Mexico City, Mexico (5051).

Brushes, paint, tooth and hair; and household brushes:—Agency; Kingston, Jamaica (5076).

Essential oils, perfume raw materials:—Agency; Mexico City (5051).

Iron perchloride, anhydrous:—Purchase; London, England (5049).

Lubricating oils, first and second grade; and Diesel oils:—Purchase; London, England (5064).

Lubricating oils, heat-and-pressure resisting, high grade:—Purchase; Vienna, Austria (5063).

Soda-calcium borate:—Purchase; Warsaw, Poland (5050).

Talc in carload shipments:—Purchase; Toronto, Canada (5083).

Talcum powder, face powder, and similar lines:—Agency; Mexico City, Mexico (5051).

Toothpaste raw materials:—Purchase, Manila, Philippine Islands (5082).

Tubes for toothpaste:—Purchase, Manila, Philippine Islands (5082).

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Why Not All Alike

A step toward a desirable and necessary purpose has been taken in the passage by the lower house of Congress of the bill designed to extend the powers of the Federal Trade Commission to embrace acts in commerce that are unfair or deceptive with reference to the consuming public. The primary purpose of the commission, as that of every other governmental agency, should be to safeguard and promote the public interest; one of the shortcomings of the laws under which the commission in particular functions is that they are directed to the narrow, rather than the general economic, effects of commercial practices.

It will be good for the people of the United States that the Federal Trade Commission is enabled to intervene between the all-believing buyer and the deceptive seller. The intervention provided for in the Lea bill is, however, too lopsided to promise the best possible results over the greatest area of commercial misdoings. The bill does not reach widely enough in its provision for supervision of advertising; it does not provide adequate penalties for other forms of deception.

There is something peculiar about this two-faced nature of the endeavor to give the Federal Trade Commission necessary, wider powers. There is discriminatory treatment of certain offenses that does not seem to square with the idea of equal rights and privileges under the law.

Why is special provision made for control of advertising of foods, drugs, and cosmetics? Why are violations of this provision made punishable with heavy fines, while false or misleading advertising of all other commodities—assailable only under the general proscription of unfair or deceptive acts—is penalized with only a cease and desist order? Deception through misbranding or adulteration of articles other than foods, drugs, or cosmetics likewise can only be ordered stopped; while the same practices with respect to foods and drugs are tangibly penalized by law, and cosmetics will be similarly treated.

Does the discrimination exist for the purpose of testing two theories of advertising control—by order and by fines? Or are bureaucratic jealousies the sole reason? Whatever is behind it, the discrimination should be eliminated.

Let Business Talk Business

In his plan to discuss business affairs with business leaders, the President of the United States conferred with a small number of outstanding industrialists last week, and he will meet a larger group this week in conference with fifty members of the Advisory Council to the Department of Commerce. This conference, the Secretary of Commerce characterizes as "momentous," and he says that his business advisers will present their views on measures to promote recovery. This will be well, and it is to be hoped that these views will deserve the attention that such expressions should get.

The Secretary of Commerce is reported to have said that he doubted whether any other group of business leaders has a more thorough grasp of basic economic problems. Doubtless there is some reason why this wealth of very useful material has not been utilized to give the Department of Commerce a bigger role in the governmental dealing with these same basic economic problems. It is greatly to be desired that better evidence of appreciation of the value of the advisers' knowledge be manifested following the coming conference.

It is to be hoped that the views presented to the President are industrial and commercial, rather than financial; for some views recently expressed by members of the financial division of business have not been particularly enlightening. One such view was that the current downtrend of business must soon be reversed—but nothing was said about the undesirability of still further increasing the inventories of an overstocked market. Another view—one often heard from financiers—was that more capital should be made available to increase output—but most industrial concerns are unable to sell what they now can produce.

Views on basic economic problems must go deeper. A leader in the chemical industry dug well below the surface in presenting his views to the senatorial investigators of unemployment last week. And he also, declining the role of economic expert, presented figures—dollars and cents, number of employees, working hours—the sort of factual data that speak in understandable terms.

This chemical industrialist talked a little about the patent effects of unwise methods of taxation, but he talked more and to far better effect about the desirability of confidence, understanding, and cooperation, within industry by capital, management, and wage-earners, and between industry and government, industry and the public, and among all three.

That is the sort of evidence business leaders can give. It is the kind they should give. It is good evidence, relevant and material. It will put many theories where they belong—if it is listened to.

—O-P-D—

Furnish Facts And Figures

No more evidence is needed of the desirability that business talk business than that which can be found in the agitation over the efforts of the Department of the Navy to buy steel. The Assistant Attorney-General, it will be recalled, declared that increased costs of material and labor fell far short of justifying increases in the price of steel. The Assistant Secretary of the Navy says that the prices charged the department for steel are fair.

Both officials say that they had access to reliable records. But, the Assistant Secretary of the Navy is a business man, and can be expected to understand business figures.

Government needs business figures and business facts. Business will be distinctly benefited by furnishing them—plain, simple facts and figures that speak frankly and fully and need no expert interpretation.

—O-P-D—

Import Favors For Britain

Every executive of the American chemical industry, and those in related lines of enterprise—oils, drugs, and the things that are made from these materials—should take this issue of the REPORTER off to a quiet—soundproof would be good—corner and study the list of articles on which it is intended to discuss import-duty concessions in the course of the negotiating of the widely discussed tariff bargain with Great Britain and its colonies. This list of items is an extensive one, it comprises articles in seventy-five paragraphs of the United States tariff schedules. Many of these are of major importance as products of domestic industries.

The British are notably close bargainers. Their manufactures are to a large extent duplicated by industries in the United States. It is to be expected that any proposed swapping of privileges between the two nations will be sharply criticized by British manufacturers, and it must be recognized that the British government listens to its industries and that the relation of its Board of Trade to its traders is far more intimate and broad than is that of the United States Department of Commerce with the business men of this country.

A recent British commenter on the proposal of a trade agreement with the United States said that, while British manufacturers are mostly protectionists at heart, he did not expect them to be narrow-minded or short-sighted in their attitude toward the objective. But, the general comment in British industrial circles, although favorable to a trade agreement, is not tinged with a substantial profession of desires to assure a greater measure of international amity at the expense of national income. British sentiment is not lacking in appreciation of the desirability of cultivating the good-will of the United States. This, however, is the long view, and it is to be expected that consideration of today's interests, will not be wholly submerged.

There can be no question of the value of a real reciprocal trade agreement with Great Britain. There is a desirable aspect to the idea of making concessions in British colonial trade. But, there is a strong possibility that from the negotiations could be evolved a mere tariff bargain that would not pass inspection by a real Yankee trader. Full preparation should be made by American industries to present a convincing case for themselves in the matter of the British bargaining. Factual data will be needed, and the supply of these now available is not adequate. Everything possible must be done to offset what may be a disadvantage in that these negotiations and their objectives are largely regarded from a diplomatic standpoint in this country, while the British evidently are looking upon them as a matter of business.

And while engaged in the big job of studying and endeavoring to digest the expansive proposals in the British bargaining, American business leaders should not overlook the proposals with reference to Turkey. There is at least one important domestic chemical involved. Also, the questionable aspects of the proposed pact with Czechoslovakia have not all been cleared up.

CITRIC ACID

POTASSIUM CITRATE

SODIUM CITRATE

PFIZER QUALITY

MANUFACTURING CHEMISTS SINCE 1849

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Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-seventy-sixth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Acetone Oils

(Aceites de Acetone, Acetonoel, Huiles d'Acetone, Huiles Acetonique, Olios di Acetone, Olios di Chetone)

(These substances are oily mixtures of high-boiling ketones containing other substances.)

Analysis

Solvent for—
- Cellulose derivatives
- Gums
- Natural resins
- Oils
- Synthetic resins

Cellulose Products

Solvent for—
- Cellulose acetate
- Cellulose ethers
- Nitrocellulose

Ceramic

Solvent in—
- Compositions, containing natural or synthetic resins, cellulose acetate, nitrocellulose, or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Denaturant for—
- Industrial alcohol

Solvent for—
- Cellulose acetate
- Cellulose ethers
- Nitrocellulose nitrate
- Various raw and intermediate materials

Starting point in making—
- Methylethyl ketone

Cosmetic

Solvent for—
- Gums
- Oils

Solvent in—
- Nail enamels and lacquers containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers as base material

Perfumes

Dry-Cleaning

Spotting agent for—
- Greasy stains
- Gums
- Oils
- Resins

Dye

Solvent in—
- Purifying crude anthracene for the manufacture of dyestuffs

Electrical

Solvent in—
- Insulating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Fats and Oils

Solvent for—
- Oils

Glass

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Solvent in—
- Adhesive compositions containing gums, natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Gums

As a solvent

Leather

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabrication

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Solvent for various materials in many manufacturing operations

Solvent in—
- Coating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Ingredient of—
- Dopes
- Enamels
- Lacquers
- Paints
- Paint removers
- Varnishes

Solvent for—
- Cellulose acetate
- Cellulose ethers
- Copals
- Cumar
- Natural resins
- Nitrocellulose
- Synthetic resins

Paper

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting articles made of paper or pulp

Pharmaceutical

Solvent miscible with—
- Oils

Photographic

Solvent in making—
- Films from cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Plastics

Gelatinizing agent in various compositions

Solvent in making—
- Laminated fiber products
- Molded products
- Plastics from or containing natural or synthetic resins, cellulose acetate, nitrocellulose or other cellulose esters or ethers

Resins

Solvent for—
- Copals
- Cumar
- Natural resins
- Synthetic resins

Solvent in making—
- Artificial resins from or containing cellulose acetate, nitrocellulose, or other cellulose esters or ethers

Rubber

Solvent in—
- Compositions, containing natural or synthetic resins, cellulose acetate, nitrocellulose, or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Soap

Solvent for—
- Oils

Stone

Solvent in—
- Compositions, containing natural or synthetic resins, cellulose acetate, nitrocellulose, or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Solvent in—
- Compositions, containing gums, natural or synthetic resins, cellulose acetate, nitrocellulose, or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Solvent in—
- Compositions, containing natural or synthetic resins, cellulose acetate, nitrocellulose, or other cellulose esters or ethers, used as protective and decorative coatings on woodwork

Ammonium-Tin Citrate

Textile

Delustring agent (Brit. 454968) for—
- Cellulose acetate yarn
- Rayon in the spun form
- Regenerated cellulose yarn

Copper Cupricyanide

Chemical

Catalyst (Brit. 446411) in—
- Halogenating unsaturated hydrocarbons

Starting point (Brit. 446411) in making—
- Catalysts with metal chlorides for halogenating unsaturated hydrocarbons

Hexone

(Methylisobutyl Ketone, 2-Methyl-4-pentanone)

Analysis

As an extractant

Solvent for—
- Camphor
- Cellulose derivatives
- Fats
- Gums
- Oils
- Resins
- Waxes

Cellulose Products

Solvent for—
- Cellulose acetate (with ethylene dichloride)
- Cellulose ethers (certain types)
- Nitrocellulose

Ceramic

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

As an extractant

Ketone in—
- Organic syntheses

Solvent for—
- Camphor
- Cellulose acetate (with ethylene dichloride)
- Cellulose ethers (certain types)
- Fats
- Gums
- Oils
- Nitrocellulose
- Waxes

Solvent miscible with most other organic solvents

Cosmetic

Solvent for—
- Fats
- Oils

Solvent in—
- Nail enamels and lacquers containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers as base material

Dry-Cleaning

Spotting agent for—
- Fats
- Greasy stains
- Gums
- Oils
- Resins
- Waxes

Electrical

Solvent in—
- Insulating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Fats, Oils, and Waxes

Solvent for—
- Blown oils
- Essential oils
- Fats
- Sulphonated oils
- Synthetic oils
- Vegetable oils
- Waxes

Food

Solvent for—
- Fats
- Oils

Glass

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Solvent in—
- Adhesive compositions containing gums, natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Gums

As a solvent

Leather

Solvent in—
- Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

(To be continued)

2:3-Hydroxynaphthoic-3′-chlor-2′-ethoxyanilide

Textile

Starting point (Brit. 453953) in making—
- Dyed or printed red colors of fine purity of shade and fastness to kier-boiling with—
  - 2-Amino-4-acetyl-1:1′-diphenyl ether or its 4′-chloro derivative
  - 2-Amino-4-acetyl-3′-methyl-1:1′-diphenyl ether or its 4′chloro derivative
  - 2-Amino-4-acetyl-4′-methyl-1:1′-diphenyl ether or its 4′-chloro derivative

Lauryl Xanthate

Insecticide and Fungicide

As an insecticide (Brit. 436327)
As an anticryptogamic (Brit. 436327)

Potassium-Aluminum-Iron Cyanide

Chemical

Catalyst (Brit. 446411) in—
- Halogenating unsaturated hydrocarbons

Potassium 4-Hydroxydiphenyldisulphonate

Cosmetic

Protectant (U.S. 2015005) in—
- Oils, creams, and lotions, against harmful effects of light of short wave length (sunburn)

Potassium-Nickel Cyanide

Chemical

Catalyst (Brit. 446411) in—
- Halogenating unsaturated hydrocarbons

Starting point (Brit. 446411) in making—
- Catalysts with metal chlorides for halogenating unsaturated hydrocarbons.

Sodium-Cadmium Cyanide

Chemical

Catalyst (Brit. 446411) in—
- Halogenating unsaturated hydrocarbons

Starting point (Brit. 446411) in making—
- Catalysts with metal chlorides for halogenating unsaturated hydrocarbons.

Heavy Chemicals

Strontium Nitrate Schedule Higher — Soda Antimoniate and Antimony Oxide Reduced—Copper Advanced—Copper Salts Firm—Soda Metasilicate Revised Upward for 1938

Demand for industrial chemicals showed some improvement during the week just ended. Manufacturing consumers were apparently replacing depleted year-end supplies. However, it was evident purchases were not being made beyond actual production requirements. Sentiment in the market tended towards optimism, with reports from certain basic industrial units to the effect that production activities were resumed on a broader scale upon the completion of the taking of inventory. Changes included slightly higher prices for soda metasilicate, soda hyposulphite, barrel packing, and strontium nitrate, as well as copper oxide and electrolytic copper. Antimony oxide and soda antimoniate were lower.

Reports from the automobile industry were that production totaled 54,084 units, compared with 49,550 in the preceding week, reflecting the resumption of operations by a leading manufacturer. Steel operations were higher at 27.8 percent of capacity, compared with 25.6 percent in the preceding week.

Strontium nitrate schedule for first quarter of 1938 showed slightly higher prices. Soda metasilicate schedules for 1938 also revealed an increase soda hyposulphite differential between bags and barrels was increased. Antimony oxide and soda antimoniate prices were lowered, reflecting the quiet demand and decline in the basic metal. A good demand for electrolytic copper brought about another advance in the price last week. Copper salts were firm as the result of the higher prices for the basic metal, with red copper oxide fractionally higher. Tin salts held firm at about the same levels prevailing in the preceding period.

Calcium chloride demand was good, reports of colder weather and storms throughout the country providing a stimulating influence. The call for saltcake continued moderate; imported schedules for 1938 were renewed at prices previously in force. The alkalies continued to note an irregular demand, with prices steady to firm. Mineral acids were spotty the continuance of low operating schedules of the various industries consuming acids directing the course of the market. Insecticides and fungicides remained quiet.

Aluminum. — A fair inquiry from usual consumers was noted in this market during the week. Quotations displayed a firm tone. The establishment of another aluminum-reduction plant in Hungary is under consideration by an Anglo-Hungarian concern and an American interest. At present there is an alumina plant at Magyovar and an aluminum-reduction work at Csepel, according to the Bureau of Mines.

Alums.—A firm tone prevailed in this market during the week. Business was held to small proportions. November exports of alumina sulphate were 5,977,639 pounds, Canada taking 5,279,465 pounds; 2,800 pounds went to Mexico; 22,000 pounds to Trinidad and Tobago; 392,049 pounds to Argentina; 600 pounds to Brazil; 2,325 pounds to Colombia; 3,000 pounds to Ecuador; 10,000 pounds to Peru; 9,200 pounds to Venezuela; and 256,200 pounds to the Philippine Islands.

Ammonia, Aqua.—The call was fair at times during the week under review. Sellers reported that quotations were being well held at previous levels.

Antimony.—Spot domestic antimony metal remained at 13¾c. per pound. The call was fair at times during the week.

Antimony Oxide.—Prices were listed at 13½c. per pound to 14c. per pound. Inquiry in this market was rather slow at times.

Arsenic.—Business in the market for the white material continued quiet during the week. Prices were well maintained at previous levels. The red commodity noted a firm tone, but current business was of small proportions.

Barium Salts. — The market for the various barium salts offered little variation from recent weeks, with the prices displaying a steady tone in the nitrate, chloride and oxide.

Bleaching Powder. — The call was slightly better than the preceding week in this market, which probably could be traced to inventory replacements by certain manufacturing consumers. Quotations were steady.

Blue Vitriol.—A firmer tone prevailed in this market during the week under review. This could be attributed to the higher prices for copper. Quotations were unchanged from the preceding week.

Calcium Chloride.—Seasonal conditions created a good demand in this market, reports of colder weather and storms throughout the country providing a stimulating influence. November exports amounted to 213,362 pounds, valued at $6,029, of which Canada received 63,627 pounds; Costa Rica, 5,000 pounds; Honduras, 20,000 pounds; Panama, 36,240 pounds; Mexico, 63,150 pounds; Bermuda, 417 pounds; Jamaica, 2,400 pounds; other British West Indies, 233 pounds; Cuba, 17,550 pounds; Republic of Haiti, 2,000 pounds; Colombia, 1,200 pounds; Surinam, 1,500 pounds, and Philippine Islands, 45 pounds.

Chlorine.—Withdrawals against contracts continued at a slow pace. However, some activity is anticipated in this market within the next few weeks. Prices ruled firm. November exports were 772,716 pounds, valued at $23,920, of which Canada received 566,390 pounds; Guatemala, 655 pounds; Panama, 8,000 pounds; Mexico, 91,550 pounds; Newfoundland and Labrador, 30,000 pounds; Cuba, 19,800 pounds; Dominican Republic, 1,500 pounds; Netherlands West Indies, 100 pounds; Colombia, 8,300 pounds; Ecuador, 11,000 pounds; Peru, 300 pounds; China, 30,000 pounds; Hongkong, 800 pounds; Philippine Islands, 4,200 pounds, and New Zealand, 121 pounds.

Copper.—Price for electrolytic copper has been advanced to 10.875c. per pound delivered Connecticut Valley base. Sales of copper have been made in the domestic copper market in leading primary producing circles at 11c. per pound, delivered Connecticut Valley base. Copper in the foreign market continued in good demand at 10.71c. per pound, c.i.f., European base ports.

Copperas.—A fair inquiry was noted in this market during the week, with quotations displaying a firm tone. Steel operations last week were scheduled at 27.8 percent of capacity, as compared with 25.6 percent in the preceding week and 27.4 percent a month ago.

Copper Salts.—A firm tone was prevalent in the market for various copper derivatives as the result of the higher price prevailing for the basic metal. Red copper oxide was listed at slightly higher levels than the preceding week.

Fluorspar.—This market continued along the same lines as the past several weeks, with business confined to negligible quantities. Prices held firm. Steel operations were slightly higher last week at 27.8 percent of capacity, against 25.6 percent in the preceding

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copper electrolytic, ⅝c. per lb.
Oxide, red, com'l, ⅝c. per lb.
Soda metasilicate, c.l., 5c. per 100 lbs.
Soda hyposulphite, bbls., 5c. per 100 lbs.
Strontium nitrate, ½c. per lb.

Reduced

Antimony oxide, 1½c. per lb.
Soda antimoniate, 1½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.5	154.5	154.3	153.8

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.7	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

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BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

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Local delivery tank truck service throughout the Metropolitan New York area.
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SULPHUR : SILICON TETRACHLORIDE CREAM OF TARTAR
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week, according to the American Iron and Steel Institute.

Manganese Ore.—This market continued nominal. Although the manganese production of Yugoslavia is small, it is sufficient for domestic needs. In 1936 production totaled 1,718 metric tons. Imports, 79 tons; exports 229 tons; and consumption, 1,568 tons, according to the Bureau of Mines.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

SYNTHETIC
Imported **CRYOLITE** 98/100% Snow White
Warehouse Stocks in New York and Baltimore
CUNO SIEVERS INC. • ESTABLISHED 1908 • 101 Cedar Street New York
BArclay 7-3858-3859-3865

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KESSCOCIDE 95
ALPHA NAPHTHYL ISO-THIOCYANATE
A NEW SYNTHETIC INSECTICIDE
COLORLESS SOLUTIONS
ODORLESS
ECONOMICAL
NON STAINING
INQUIRIES SOLICITED
KESSCO PRODUCTS
THE KESSLER CHEMICAL CORPORATION
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The special processing of burlap and cotton goods with paper, cementing the two with various waterproof adhesives such as asphalt, glue and latex, provides a bag that is strong, sift-proof and moisture-proof.

These bags are *much cheaper* than metal drums or barrels — they are easier to handle and to store.

Fulton water-proof, paper-lined bags are available for prompt delivery from St. Louis to the West and Middle West, and from Atlanta to the East.

Write for prices and full information

FULTON BAG & COTTON MILLS
Atlanta Minneapolis St. Louis Kansas City, Kansas
Dallas New York New Orleans

Nickel Salts.—The call from the plating trade continued moderate. Quotations, however, remained unchanged. Automobile production, although slightly higher than preceding week is still much lower than this time a year ago.

Phosphorus.—The call in this market remained pretty much the same as in the past several weeks, with quotations displaying a steady tone. November imports amounted to 14,063 pounds, of which Russia shipped 6,063 pounds and the United Kingdom, 8,000 pounds.

Potash Carbonate.—Interest in this market continued to lag, with the call from the textile industry still confined to moderate quantities. No change was uncovered in quotations.

Potash, Caustic.—This market offered little change, with the shipments moving at a fair pace for the account of the soap industry and other usual consumers supplying the interest. Quotations were firm.

Potash Chlorate.—The match industry and other usual consumers were making withdrawals against contracts at a fair pace, although volume was moderate. Prices displayed a steady tone.

Potash Permanganate.—A firm tone was the rule in this market, but current business continued on a hand-to-mouth basis.

Saltcake.—The inquiry in this market continued moderate at times during the week. The paper industry ordered out supplies in fair amounts. The call from the glass industry continues rather restricted because of the low operating schedule. Imported saltcake price for 1938 has been established at $15 per ton.

Soda Antimoniate.—Business in this market was highly irregular throughout the week. Prices were listed at 13¼c. per pound to 13¾c. per pound, according to quantity.

Soda Ash.—Business continued highly irregular, because of the continued low operating schedule of certain consumers. Quotations were in conformity with those prevailing in the preceding week. November exports amounted to 11,539,778 pounds, valued at $123,393; Belgium received 67,200 pounds; Denmark, 197,120 pounds; France, 9,906 pounds; Norway, 24,841 pounds, Sweden, 639,083 pounds; the United Kingdom, 269,400 pounds; Canada, 4,094,414 pounds; Mexico, 2,021,075 pounds; Cuba, 236,000 pounds; Argentina, 720,620 pounds; Brazil, 302,720 pounds; Peru, 151,104 pounds; Venezuela, 440,880 pounds; Netherlands India, 291,500 pounds; Japan, 1,792,000 pounds; Australia, 50,466 pounds, and New Zealand, 122,621 pounds.

Soda, Caustic.—Producers reported the market noted a steady to firm tone. Although the buying was irregular, the irregularity in the call could be traced to the moderate operating schedule of certain consumers.

Soda Cyanide.—The call from the plating industry was confined to moderate proportions. Sellers, however, reported that quotations displayed a steady to firm tone.

Soda Hyposulphite.—Business in this market continued highly irregular during the week just ended. The price schedule for first quarter of 1938 was issued, with an increase of 5c. per 100 pounds noted on the barrell packing, making the differential between bags and barrels 20c. per 100 pounds.

Soda Metasilicate.—Quiet characterized this market throughout the week under review. The 1938 price schedule follows: Crystals in barrels, car lot, $2.30 per 100 pounds; granular, car lots, $2.20 per 100 pounds; less car lot delivered, $2.80 per 100 pounds; less than 20 barrels, delivered New York, $3.15 per 100 pounds.

Soda Silicofluoride.—This market presented a steady tone, with sellers asking prices from 5¾c. to 6c. per pound, depending on quantity.

Strontium Nitrate.—Business in this market was fair at times during the week just ended. The 1938 schedule for first quarter displayed a slight increase. The schedule follows: carloads, $8.25 per 100 pounds; 25 barrels or over, $8.75 per 100 pounds; one to twenty-four barrels, $9.25 per 100 pounds. Prices are f.o.b., New York. November imports amounted to 46,321 pounds, all of which came from Germany

Tin Salts.—A firm tone prevailed in the market for tin derivatives, reflecting the firmness in the basic metal. Anhydrous tetrachloride of tin, tin crystals, sodium stannate and tin oxide were in conformity with prices ruling the previous week. Allotments totaling 6,891 long tons of tin-plate scrap have been assigned to thirty-five producers of that commodity for export, subject to license, during the calendar year 1938, in accordance with the provisions of the rules of procedure announced by the Secretary of state on December 6. Applications for allotments totalling 24,449 long tons were received, some of which necessarily were reduced in order to comply with the requirements set forth in the rules of procedure. Applications which conformed with those requirements were granted in full.

Acids

Business in the market for mineral acids was spotty during the week just ended. The continuance of low operating schedules of the various industries consuming acids could explain the dull character of business. A fair amount of replacement buying was noted in certain instances, but the call was confined to moderate quantities to take care of immediate production needs. Acetic acid demand was fair, and prices were in conformity with those prevailing previously. Chromic acid noted a continuance of the slow demand from the plating industry as the result of reduced automotive production. There was little to report in the market for battery and muriatic acids. Sulphuric acids continued firm, although the inquiry was affected by the seasonal dullness in the fertilizer industry and the low steel operating rate.

Acetic. — A fair call was displayed in this market throughout the week under review. However, commitments were held to conservative quantities. Prices were in conformity with those in force previously.

Battery. — Demand in this market was strictly routine, with no developments of importance happening. Prices displayed a firm tone.

Chromic. — The call from the plating industry was restricted during the week. A firm price tone was prominent.

Lactic. — This market noted an irregular call during the period under review. Despite the dull character of current business, prices were well sustained at previous levels.

Muriatic. — The situation in this market remained about the same as in the previous week, with commitments being made on a moderate scale. Prices ruled firm.

Oxalic. — A fair inquiry was noted in this market and sellers continued to quote the same prices as in the preceding period.

Sulphuric. — This market was subjected to a highly irregular demand. What buying developed was in small quantities to take care of immediate production requirements. Steel operations were slightly higher last week at 27.8 percent of capacity, as compared with 25.6 percent a week ago, and 27.4 percent a month ago. Automobile production showed a minor increase last week, but daily average output declined against a rising seasonal trend. Seasonal influences restricted the call from the fertilizer industry. Prices continue firm.

Baltimore, Jan. 13.—The market for sulphuric acid has shown some indications of an improvement in the demand. At least the consumption has probably increased with the expansion in the output of steel by a small margin over the previous week, which, in turn, showed a gain

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over the week that went before and set the year's low for operations of plants. As far as the requirements of manufacturers of fertilizer mixtures go, they have shown little or no pick-up so far in the new year, and the acid market is getting small attention. Some contracts for the needs over a period are placed now and then, of course, but nominally the situation is the same as it has been, with the producers of acid continuing to quote $12 per ton for 60 degree and $15 per ton for 66 degree acid. All information available is that marked steadiness prevails with respect to acid, and there is an absence of pressure to stimulate the demand by offers of concessions.

Insecticides

Seasonal influences largely were accountable for the quietness which prevailed in the market for agricultural insecticides and fungicides. Sellers were concentrating their efforts on 1938 contracts, and are anticipating some withdrawals within the near future. Despite the dullness, prices were in conformity with those prevailing previously. November exports of liquid insecticides amounted to 219,661 pounds, valued at $59,151. Powdered or paste insecticides November exports were 21,213 pounds, valued at $5,880 and exports during November of disinfectants, deodorants and germicides totaled 132,260 pounds, valued at $18,498.

Calcium Arsenate.—Conditions in this market remain about the same as in the previous period; the demand was considerably slowed down by seasonal influences. Sellers reported prices were steady to firm.

Lead Arsenate.—A firm tone prevailed in this market throughout the week under review, although business continued at a low ebb. November exports amounted to 98,077 pounds, valued at $13,476, of which Mexico received 1,000 pounds; the Philippine Islands, 4,000 pounds, and the Union of South Africa, 7,016 pounds.

Nicotine Sulphate.—The call continues to lag, although sellers are looking forward to some activity in this market in the near future. Quotations remained unaltered. November exports amounted to 18,759 pounds, valued at $11,538, of which Mexico received 1,058 pounds; Argentina, 2,650 pounds, and Australia, 14,388 pounds.

Fertilizer Makers Launch Soil Aid in Midwest

Fertilizer manufacturers in the Middle West have organized a soil improvement committee and will conduct educational work designed to help farmers, in purchasing fertilizers, to get the largest possible returns for each dollar expended. The States included in the organization are Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Montana, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin, and Wyoming.

In developing its work, the committee will co-operate with the State agricultural colleges, experiment stations, and extension services, with county agricultural agents, the farm press, and teachers of vocational agriculture, with the soil improvement committee of the National Fertilizer Association, and with all other agencies interested in farm improvement. The use of fertilizers that are best adapted to the needs of crops in each State and that are most economical to buy will be encouraged, and the use of poorly adapted and low-analysis fertilizers and of unnecessary grades will be discouraged.

The members of the committee are:—Wood Crady, of the Federal Chemical Company, Louisville, chairman; R. P. Koos, of N. S. Koos & Son, Kenosha, Wis., vice-chairman; B. E. Meguschar, of the International Agricultural Corporation, Cincinnati, secretary; E. O. Kintzing, of Swift & Co. Fertilizer Works, Hammond, Ind.; D. K. Lange, of the Virginia-Carolina Chemical Corporation, East St. Louis, Ill.; James J. O'Leary, of the American Agricultural Chemical Company, Detroit; Pierce Vandercook, of Armour Fertilizer Works, Chicago Heights, Ill.; Nelson T. White, of the Smith Agricultural Chemical Company, Saginaw, Mich.; and D. A. Williams, of the Minnesota Farm Bureau Service Company, St. Paul.

Rosin is one of the articles exported from the United States to Denmark which have been released from import permit requirements by a new Danish law which became effective January 1. The new law replaces the exchange control law which was to expire March 31, and will be in effect until the end of 1939.

N. Y. Trade Board Entertains Drug Press

Representatives of the trade press were entertained at luncheon tendered it on January 13 by the executive committee of the Drug, Chemical and Allied Trades section of the New York Board of Trade. Phillip M. Dinkins, vice-president of the American Cyanamid & Chemical Company, and chairman of the section, presided, and Turner Currens, of the Norwich Pharmacal Company, chairman of the publicity committee, assisted.

The purpose of the gathering was to make the press acquainted with publicity plans intended to promote the thirteenth annual dinner of the section, to be held March 3 in the Waldorf-Astoria, this city. The objective was discussed by officers and members of the executive and publicity committees, and individual representatives of the several trade papers represented offered ideas for publicity and pledged loyal support to the enterprise which has become nation-wide in scope. About thirty-five were present.

One important decision was taken, and the press was requested to give it the widest kind of publicity. The reception period preceding the banquet will start at 6 o'clock and last until 7, thus advancing entertainment period by one-half hour. Diners will be expected to be at table by 7:30 and dinner will be served promptly at that hour.

Formation of a committee to select speakers and the toastmaster, Dr. Elvin H. Killhefer, of E. I. du Pont de Nemours & Co., was announced and a discussion concerning possible choices brought out a host of suggestions which will be studied.

During the meeting, Ralph Dorland, of the Dow Chemical Company, Midland, Mich., chairman of the reception committee, stated that he had called committee-dinner for January 18 at the Waldorf-Astoria.

Last year more than seventeen hundred attended the danner and, under the direction of Mr. Dorland, the reception committee expects to better that record attendance.

Cleaners and Dyers To Hear Dr. Schuler

Dr. G. H. Schuler, assistant director of the technical laboratory, dyestuffs division, E. I. du Pont de Nemours & Company, will be as speaker at the National Association of Dyers and Cleaners convention in the Hotel Stevens, Chicago, January 17-20. His subject will be "Dyestuffs Development and the Dyer."

As a part of the Allied Trades Exhibit, held in conjunction with the convention, the R. & H. chemicals department of the du Pont company has arranged a display of dry cleaning products. A portion of the exhibit will be given over to the introduction of a new type of bag employing "Cellophane" cellulose film for returning dyed and cleaned garments.

Tennessee Copper Limits SO_2 Fumes

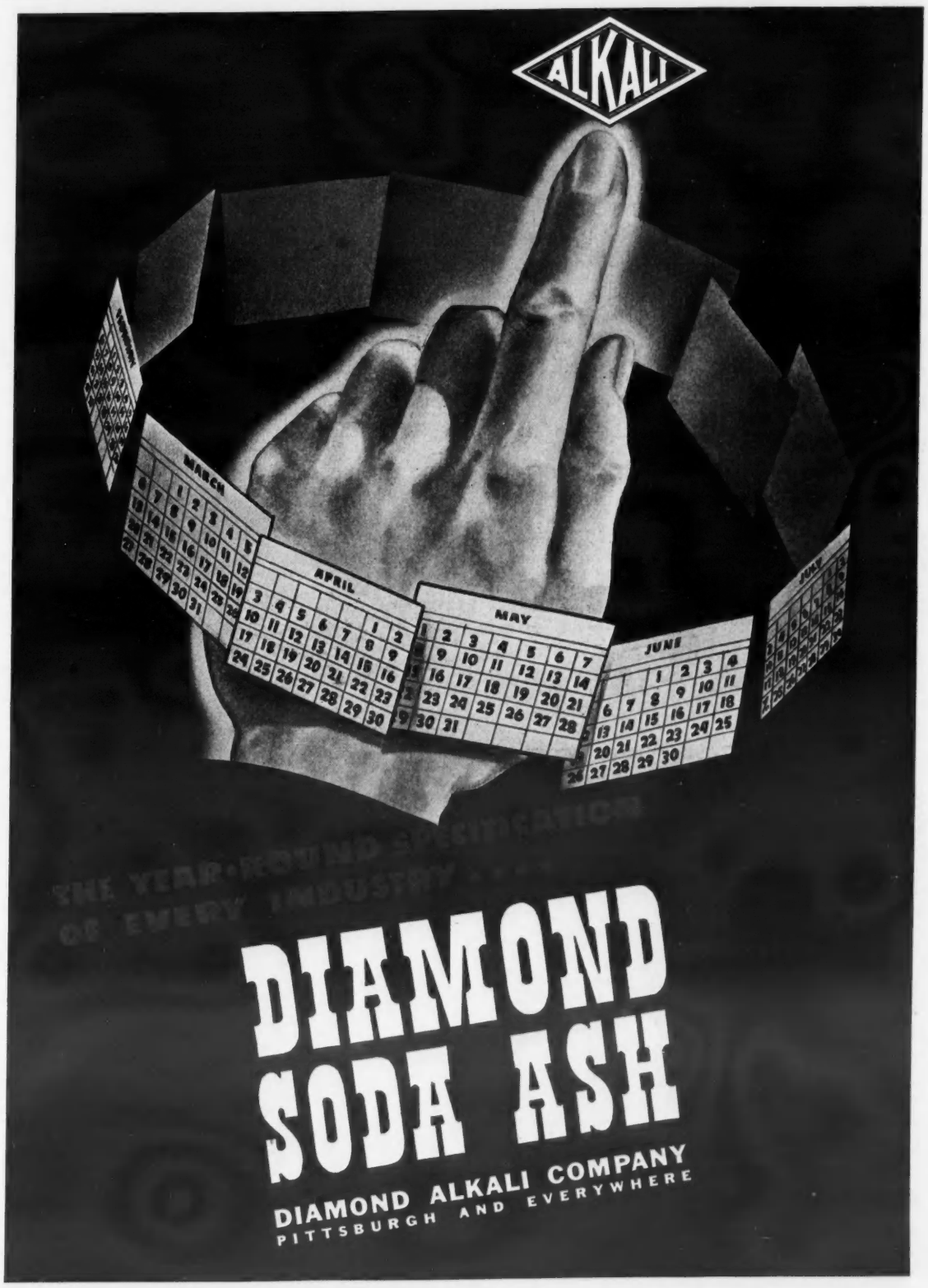
OPDR Washington Bureau
January 10, 1938

The Supreme Court of the United States has dismissed the damage case brought by the State of Georgia against the Tennessee Copper Company on petition of both parties to the case. The move to dismiss followed agreement of the State and the company on a permanent system of arbitration of damage suits.

The company operates sulphuric acid plants at Copperhill and Isabella, Tenn., and fumes from the plants are alleged to cause substantial injury to agriculture in Georgia.

Under the agreement the company agrees that from April 10 to October 1 of each year it will not permit the escape of sulphur dioxide gases from its Copperhill plant which have a total sulphur content of more than 88 tons in any one day, and sulphur dioxide gases escaping from the Isabella plant will be limited to 40 tons in any one day.

The company will file a bond of $5,000 each year against settlement of damage suits which may arise, and such suits will be submitted to a board of arbitration consisting of one member appointed by the company and one member appointed by the State of Georgia.



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Coaltar Chemicals

Benzol Remains Steady—Creosote Oil Inquiry Small—Phenol Continues Firm—Toluol and Xylol Were Quiet—Phthalic Anhydride Quiet—Intermediates and Acids Slow

The market for coaltar chemicals continued highly irregular during the week just closed. Prices in all quarters of the market continued firm. Manufacturing consumers were making commitments on a slightly larger scale than the several weeks past because of depleted inventories.

Demand for benzol was fairly active, with good forward buying evident. By-product operations continued on a curtailed basis. Steel operations last week were slightly higher at 27.8 percent of capacity, compared with 25.6 percent a week ago and 27.4 percent a year ago. Steel output in the United States last month was 1,472,241 tons, the smallest total since September, 1934, but production during 1937 was 49,597,766 tons. This output is within 360,000 tons of the 1928 total of 99,865,185 tons, and compared with the record output of 54,312,279 tons in 1929.

Inquiry for creosote oil continued small. Cresylic acid demand was irregular. Phenol displayed a firm tone. The call for toluol was sluggish, with the demand from the lacquer trade affected by the lower automobile production. Coaltar acids were quiet. The intermediates were firm, but the demand was confined to small quantities. A list of manufacturers of synthetic organic chemicals in United Kingdom is available upon application to the Bureau of Foreign and Domestic Commerce to accredited American firms upon payment of the usual fee of ten cents.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	123.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—There was a fair inquiry during the week just closed. Chemical processors and certain other consumers were reported to be placing orders for later deliveries in larger quantities. Prices ruled firm. November exports of benzol totaled 671,772 gallons, of which France received 233,210 gallons; Canada, 34,578 gallons; Cuba, 10,261 gallons; Argentina, 14,505 gallons; Brazil, 530 gallons and Japan, 378,654. Steel operations last week were slightly higher at 27.8 percent of capacity, compared with 25.6 percent a week ago and 27.4 percent a year ago. December steel output was 1,472,241 tons, the smallest total since September, 1934, but production during 1937 was 49,507,766 tons, compared wtih 46,807,780 tons in 1936, according to the American Iron and Steel Institute.

Coaltar.—An irregular demand was prevalent in this market. Prices continued to display a firm tone. Exports of crude and refined coaltar during November were 959,450 gallons, France receiving 2,093 gallons, Netherland, 520,796 gallons; Norway, 275 gallons, and Canada, 429,613 gallons.

Creosote Oil.—Inquiry from the railroads, public utilities and usual consumers was held to small proportions. Quotations ruled firm.

Cresylic Acid.—Demand was irregular during the week just ended. The synthetic resin industry was withdrawing supplies when needs became urgent only. Prices were in conformity with those prevailing in the preceding week.

Naphthalene.—The market for crude naphthalene was quiet, while demand for the refined material was slow. A firm tone governed the dealings. November imports of naphthalene totaled 3,533,544 pounds, of which 220,472 pounds came from Belgium; 136,341 pounds from Czechoslovakia; 1,616,082 pounds from Germany; 67,133 pounds from Russia; 1,350,518 pounds from United Kingdom and 142,998 pounds from Australia.

Phenol.—Some improvement in demand was evident in this market during the past week. The synthetic resin, pharmaceutical and dyestuff intermediate makers were making replacements. Prices displayed a firm tone.

Pitch, Coaltar.—Seasonal influences largely were accountable for the slow demand in this market throughout the week just ended. Prices ruled firm. November exports amounted to 430 tons.

Solvent Naphtha.—The market for water white naphtha was spotty, with the price holding firm. High flash naphtha continued to display a firm tone, although demand was somewhat limited.

Toluol.—A firm tone ruled in this market, although the call from the lacquer trade and other routine consumers was sluggish. Automobile assemblies continued at a slow pace, although slightly improved over the holiday week. Total automobile weekly output was 54,084 units, against 49,550 the preceding period. The increase was attributed to major manufacturers commencing production schedules after closing down for inventory purposes.

Xylol.—The market remained quiet. Prices were steady to firm.

Chicago Coaltar Bases

Continued restricted operations in the steel industry are keeping the current rate of supply of certain grades of coaltar bases curtailed to a point where limited buying is proving sufficient to take care of offerings. Benzol market tone is still fairly stable. Inquiry is reported good for various other items. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Demand continued irregular for the technical material, prices being unchanged. Refined anthranlic was listed at $1.15 to $1.20 per pound.

Fumaric.—The call consisted of small quantities from usual consumers. The price tone was steady to firm.

Gamma.—While the market experienced an irregular call, prices were well maintained at previous levels.

Salicylic.—Interest was fair in this market at times during the week. Prices were in conformity with those in force previously.

Sulphanilic. — The call from dye makers was on a hand-to-mouth basis. Prices were well maintained.

Other Intermediates

Alphanaphthol. — The call consisted of small amounts from routine consumers. The price tone was firm.

Anilin Oil.—A fair inquiry was uncovered in this market during the past week, with the prices well maintained.

Anthraquinone. — Consumers were only making small withdrawals against contract allotments. Prices were steady.

Betanaphthol.—Demand was rather dull at times throughout the week. Sellers reported the presence of a steady to firm tone.

Dinitrochlorobenzene.—Business continued sluggish during the week under review. A firm tone governed dealings.

Dinitrotoluene.—Price was firm at 8c. per pound, which price has been in effect since last July.

Nitrobenzene.—Consumers were concerned with small quantities. Despite the dull character of the market, prices were well maintained.

Phthalic Anhydride.—A fair inquiry was uncovered in this market throughout the week. Quotations were well maintained at previous levels.

Coaltar Colors

Demand for coaltar colors continued spotty during the week just closed. Prices displayed a steady to firm tone. Manufacturing consumers continued to

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

purchase supplies for immediate production requirements only. November exports of coaltar colors, dyes, and stains amounted to 612,705 pounds, valued at $286,089. Japan is dependent upon foreign countries for a considerable portion of the coal tar distillates and crude coal tar chemicals, needed for the manufacture of synthetic colors. Domestic production of these chemicals has been mounting rapidly but has not kept pace with the needs of the industry with the result that imports also have increased. During the first nine months of 1937 Japan imported 3,178,439 Kin, as compared with 2,226,272 in corresponding period last year, according to the office of the American commercial attache at Tokyo.

Koppers Company Gets Contracts for Coke Ovens

Koppers Company, Pittsburgh, has been awarded a contract by the Dominion Steel and Coal Corporation to modernize its light oil recovery plant at the corporation's coke ovens at Sydney, Nova Scotia. The amount of the contract was not revealed. Work will require about four months.

A contract has also been received for the erection of a battery of sixty-nine modern low differential Koppers-Becker ovens with self-sealing doors for Republic Steel Corporation at Youngstown, Ohio. The new ovens will replace sixty-one old ovens and will increase coke production about 15 per cent to 90,000 tons a month. They will be ready for operation about September 15. Additional equipment to modernize Republic's by-product plant also will be provided by Koppers Company.

Oil Tax Review Granted

The Supreme Court of the United States today granted the request of the government to review a tax controversy involving the Mountain Producers Corporation and its subsidiary, the Wyoming Associated Oil Company, producing petroleum in the Salt Creek field in Wyoming. The case hinges on inclusion in depletion allowances of expenses of developing wells on school lands paid by the purchaser of the oil.

DuPont States Views On Business Needs

—*Continued from page 5*

payroll was 40 percent larger than that for 1929, monthly wages averaging 13 percent higher, although the number of hours worked was 20 percent less. The 1937 payroll, he added, was 25 percent larger than that for 1936.

Sales' Trend Downward

Sales of the duPont companies began to show a decline in April, 1937, Mr. duPont said, and this trend became precipitate in late Autumn, the value of November sales being 17 percent below the corresponding 1936 level, and those in December off 28 percent. The companies' estimates were that sales in the first six months of this year would be 23 percent less than those in the first half of 1937.

The weighted average of duPont sales prices dropped 29 percent from 1929 to February, 1933, compared with a decline of 28 percent in the index of the United States Bureau of Labor Statistics. The latter index rose 28 percent up to November, 1937, but the duPont average was still "a shade lower than in February, 1933," Mr. duPont said—29 percent below the 1929 average, against a drop of 8 percent in the labor bureau's index.

Mr. duPont said that he was a believer in high wages; his companies' hourly rate had been raised 56 percent between 1933 and 1937. Over the same period the market price of the raw materials they used had increased 75 percent and their taxes in 1937 were 211 percent higher than in 1933.

The companies' maintenance of low prices, Mr. duPont said, had been made possible by the results of research developing new processes, new materials, and less costly production. He laid great stress on the value of research in contributions to better living, citing his companies' work in lowering the price of fixed-nitrogen derivatives and in developing "Neoprene," a widely useful substitute for rubber.

To Spend $35,000,000

New construction outlays projected by the duPont organization for 1938 approximate $35,000,000, Mr. duPont said. "We are still looking ahead and hoping for better business," he added.

The companies sold securities for $48,000,000 early last Summer, Mr. duPont said, but their need for additional capital was shown by their having expended $53,900,000 in 1937 on plant extension and modernization to provide facilities for new employment. Their total investment in new construction during the past eight years was $194,000,000. He looked upon this as evidence of faith in the future of American enterprise and offered it as an indication of "one of the contributions in my intimate knowledge made by private industry to employment and progress."

Fertilizer Conference To Be Held January 21

—*Continued from page 4*

10:15—Address, "English Pasture Fertilization and Management," by J. G. Abbott, of the American Cyanamid Company, Bellows Falls, Vermont.

10:45—Address, "Scandanavian and German Pasture Systems," by H. R. Smalley, chief agronomist of the National Fertilizer Association, Washington, D. C.

11:15—Address, "A Grass Farming Program for New Jersey Dairymen," by C. B. Bender, professor of dairy husbandry at the New Jersey State College of Agriculture.

Discussion.

11:45—Address, "Fertilizer Practicies Under the 1938 Agricultural Conservation Program," by H. R. Cox, of the New Jersey Agricultural Experiment Station.

Afternoon Session

1:15—Address, "Fertilizer Economics for 1938," by Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association, Washington, D. C.

1:45—Address, "Fertilizer Recommendations for New Jersey," by A. W. Blair, soil chemist at the New Jersey Agricultural Experiment Station.

Discussion.

2:30—Address, "Some Recent Results with Rapid Soil Tests," by D. M. Goss, associate soil classifer at the New Jersey Agricultural Experiment Station.

3:00—New Development in Fertilizer Use:—

"Vegetables," by V. A. Tiedjens, associate olericulturist at the New Jersey Agricultural Experiment Station.

"Fruits," by M. A. Blake and O. U. Davidson, of the New Jersey Agricultural Experiment Station.

"Lawns," by H. B. Sprague, of the New Jersey Agriculture Experiment Station.

A.D.M.A. Meets May 2

The executive committee of the American Drug Manufacturers Association, meeting in this city January 10, definitely scheduled the next annual meeting of the association for May 2 to 5 in the Greenbrier Hotel, White Sulphur Springs, W. Va.

The various committees in charge of the convention were appointed at the time of the last annual meeting.

Pure Oil Company has leased space at 155 East Forty-fourth street, this city, for executive offices.

J&L LIGHT OIL DISTILLATES

COMMERCIALLY PURE BENZOL
90% BENZOL • CXP BENZOL
XYLOLS (SOLVENT NAPHTHA)
REAGENT BENZOL • PURE TOLUOL
SULPHATE OF AMMONIA

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CRESYLIC ACID 97-99% Pale

AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVE. Telephones: Ashland 4-2265 and 4-2266 NEW YORK

KOPPERS

In many ways, Koppers is better fitted to serve the chemical and process industries than any other company.

It knows the problems of the chemical manufacturer because it is a manufacturer of chemical products, including Benzol, Toluol, Xylol, Solvent Naphtha, Phenol, Cresol, Cresylic Acid, and Naphthalene.

It knows operating problems because it designs and builds many types of machinery and equipment used in producing chemicals.

Koppers is a large manufacturer of roofing, waterproofing, dampproofing, paints, paving materials and similar products.

It produces many types of special machinery, pipe, platework, materials-handling equipment, fire hydrants, piston rings, and is the only manufacturer of Fast's self-aligning Couplings for power shaft connections.

It knows the problems of metal corrosion and wood destruction, because it manufactures corrosion-inhibiting paints and is an important treater of wood.

Let the Koppers men work with you on your problems.

KOPPERS COMPANY • PITTSBURGH, PA.

Koppers Chemicals and Solvents

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U.S.P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pure, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

Other Koppers Products

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants By-Product Recovery Apparatus . . . Sulphur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints Coal . . . Coke . . . Fast's self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Treated Lumber . . . Special Machinery

KOPPERS DIVISIONS, SUBSIDIARIES AND AFFILIATES—American Hammered Piston Ring Division . . . Bartlett Hayward Division . . . Boston Tow Boat Company . . . Eastern Gas and Fuel Associates . . . Engineering and Construction Division . . . Gas and Coke Division . . . The Koppers Coal Company . . . Koppers-Rheolaveur Company . . . The Maryland Drydock Company . . . Mystic Iron Works . . . Mystic Steamship Company . . . National Lumber & Creosoting Company . . . New England Coal & Coke Company . . . Tar and Chemical Division . . . Western Gas Division . . . The White Tar Company of New Jersey, Inc. . . . The Wood Preserving Corporation.

Organic Solvents Toxicity Studied

—*Continued from page* 3

cols, and miscellaneous solvents. Some of the noted data are as follows:—

Aromatic hydrocarbons.—The toxicity of benzene is treated lengthily. It is noted that, while experiments on small animals indicated that toluene and xylene were more toxic than benzene, recorded cases of poisonings of human beings and general experience showed that pure toluene and pure xylene were less toxic than benzene under conditions of exposure that are not unduly protracted.

Cyclohexane.—Information of the effects of cyclohexane on human beings was not available, but animal experimentation indicated that this substance had from one-third to one-half the toxicity of benzene. A factory investigation by the Home Office of the use of cyclohexane as a degreasing agent in the treatment of metal sheets discovered no ill effect of any kind among the workers.

Tetralin.—Opinions on the toxicity of vapors of tetralin differed widely, but authentic experiments indicated that the toxicity was not high.

Decalin. — No specific experiments with decalin on animals were reported, and there was no record of its toxic effects on human beings.

Methylene dichloride.—The available evidence indicated that the toxicity of methylene dichloride had, at least, not beeen proved.

Carbon tetrachloride. — Under ordinary circumstances, it was indicated, there was no marked hazard from the presence of carbon tetrachloride in the atmosphere if the concentration does not exceed 100 parts per million.

Dichloroethylene.—No cases of chronic poisoning definitely attributable to dichloroethylene were on record.

Trichloroethylene.—The available evidence was conflicting, but indicated that trichloroethylene was less toxic than most of the other chlorinated hydrocarbons. Protracted exposure or high concentration will cause death, as with chloroform, but it was found that there was a wide gap between the narcotic dose and the lethal dose.

Esters.—Not even on ethyl formate was there evidence of severe toxicity risks in the industrial use of esters.

Ethyleneglycol.—Careful examination of workers in plants where ethyleneglycol was used revealed little that could be recorded as definite symptoms of intoxication, but slight urinary abnormalities were shown in several cases. The only serious cases reported were the result of drinking comparatively large quantities of the glycol.

Diethyleneglycol.—The recorded published evidence indicated that diethyleneglycol was less lethal that ethyleneglycol, but the *Journal* points to the elixir of sulphanilamide deaths as indicative of proceeding cautiously in the use of a little-known solvent even when animal experimentation indicates its toxicity to be slight. The report says that the inhalation of diethyleneglycol in cigaret smoke was found to be not productive of irritation of mucous membranes.

Among other solvents covered in the report are acetone oils, carbon bisulphide, ethyl ether, isopropyl ether, methanol, and pyridin.

The report, "Toxicity on Industrial Organic Solvents: Summaries of Published Work," is No. 30 of the Industrial Health Research Board of the Medical Research Council. It is a volume of 302 pages, plus an index, and is for sale at His Majesty's Stationery Office, London, at 7 shillings, 6 pence, net, per copy.

TEXTILES

FASTNESS TO LIGHT IS AN ESSENTIAL QUALITY IN DYES USED FOR MAKING RUGS AND MANY OTHER PRODUCTS IN THE TEXTILE INDUSTRY. CONTINUOUS USE OF MUTUAL BICHROMATES FOR MANY YEARS BY THE LARGEST AND MOST EXPERIENCED DYERS AND PRINTERS IS GRATIFYING EVIDENCE OF THEIR UNIFORM DEPENDABILITY

Lowering yarn into dye kettles containing Mutual Bichromates, at the plant of Bigelow-Sanford Company at Thompsonville, Connecticut

BICHROMATE OF SODA
BICHROMATE OF POTASH
CHROMIC ACID
OXALIC ACID

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Cosmetic Color Standards Discussed

The lack of standards for the colors used in the manufacture of cosmetics, in contrast to the standardization of colors used as drugs and the certification of colors employed in food products was commented on by Abraham Taub, associate professor of pharmaceutical chemistry at Columbia University College of Pharmacy, at the January meeting of the New York branch of the American Pharmaceutical Association. This subject was also discussed by Hugo Mock, counsel of the Toilet Goods Association.

Professor Taub was one of the speakers in the symposium on "Color" arranged for the meeting, which was held January 10, in the College of Pharmacy building, this city. He also described the available color standards for transparent and opaque substances, the types of colorimeters, and the spectrophometer. He closed his address with a plea for the use of nonsecret color compositions and expressed the hope that industry would set up its own standards of uniformity and purity rather than await governmental regulation.

In the symposium, under the chairmanship of Dr. Herman Goodman, of the Brooklyn College of Pharmacy, were also heard Albert Suess, consulting color chemist; Kenneth W. Ebert, of the Interstate Color Company, and several others.

Mr. Suess spoke of the selection of colors for industrial applications. He strongly recommended that in the choice of coloring materials for industrial products, the color manufacturer be consulted and be given full information for best results. Mr. Ebert, speaking for color manufacturers, said that they would welcome the standardization of cosmetic colors, since this would mean the manufacture of fewer varieties. He displayed an assortment of the more popular synthetic colors, stressing their stability and uniformity as compared with vegetable colors formerly used.

Preceding the symposium the branch inducted the following officers for the coming year: President, Otto F. A. Canis; vice-president, Rudolf O. Hauck; secretary (re-elected), Horace T. F. Givens, and treasurer (re-elected), Turner F. Currens.

N.Y. Paint Technicians Install Austin Allen

Austin A. Allen, of A. C. Horn Company, Long Island City, was installed as president of the New York Paint & Varnish Production Club at the January meeting of that organization held January 13, at the Building Trades Employers' Association, this city. Mr. Allen succeeds James A. Frederickson, of John W. Masury & Co. Joseph Mattiello, of Hilo Varnish Company, moved into the vice-presidency and his former post as secretary was taken by Carleton H. Rose, of National Lead Company. The club presented Mr. Frederickson, the retiring president with a traveling bag.

Mr. Allen appointed Robert J. Moore, of Bakelite Company, as chairman of the technical committee, a post that Mr. Moore has held many times. Other committee chairman appointed were:—Program, Joseph Mattiello; membership, William Hale, of Debevoise Company; dramatic, Kenneth E. Howe, of Thibaut & Walker, and resolutions, Everett Cole, of Manufacturers' Varnish Company. Sylvan Wallach, of Maas & Waldstein, and J. Robinson, of American Pencil Manufacturing Company, were admitted to membership.

C. F. Garesche, president of Titanium Pigment Company, gave a talk on business conditions and J. T. Rooney, of the Spencer Microscope Company, discussed microscopes and their application to paint work.

Eastman Kodak Company has increased the stated value of its no par common stock from $10 per share to $40 a share, in order to more nearly reflect on the books the amount of capital permanently employed in the business. Aggregate increase in stated value of the stock was from $22,509,210 to $90,036,840.

Day Chemical Company, manufacturing pharmacist, Newark, N. J., reports removal from 119 Aldine street to larger quarters at 480 Washington street, that city. The company specializes in the manufacture of private brand ointments and lubricating jelly, and silver nitrate wax ampules, and also does collapsible tube filling.

Dyestuffs, Textile and Leather Chemicals

Sumac Advanced—Myrobalans and Valonia Beards Reduced Bichromates Firm—Spruce Extract Higher—Egg Products Nominal—Corn Derivatives Steady—Dyestuffs Quiet

Business in the market for dyestuffs and tanstuffs was irregular throughout the week just ended. A better inquiry was noted, however, from manufacturing consumers, who were replenishing stocks for the first time in several weeks. Reports from various sections of the country indicated that the textile and leather industries were experiencing more activity than noted in several weeks. Changes in the market included advances for sumac and spruce extract. Myrobalans and valonia beards were lower.

Reports emanating from certain Southern and New England states were to the effect that the textile activity has increased operations for the first time in many weeks, with some mills operating on a five-day-week schedule as compared with three days heretofore. Increasing activity in shoes has been sufficient to indicate that at least the usual seasonal expansion in production will be shown for January over December. Final reports on sales at the Chicago show had it that sufficient volume was placed to keep manufacturers busy for the next two months, and several factories increased production moderately.

Bichromates were firm, with a better inquiry noted during the past week. Zinc Dust was firm, reflecting the firmness in the basic metal. Spruce extract was advanced fractionally. Sumac was higher. Egg products continue nominal. Corn derivatives were steady. Dyestuffs remain quiet, but quotations were steady to firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Spruce extract, c.l., ½c. per lb.
Sumac, $1 per ton.

Reduced

Myrobalans, J1, 50c. per ton.
Valonia, beards, $2 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.4	**155.3**	**155.1**	**152.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—The call in this market noted some improvement from the preceding week. Certain consumers were replenishing depleted stocks, with prices holding firm.

Antimony Salt.—Business in this market was confined to small proportions, although sellers reported that prices were well maintained.

Potash Bichromate.—A good inquiry was evident in this market throughout the week under review, the better tone could be attributed to increased operations in certain consuming industries. Prices were unaltered.

Potash Prussiate.—A fair amount of business was consumated during the week, with the disposition to order out supplies to meet better production schedules. Quotations ruled firm.

Soda Bichromate.—A steady tone prevailed in this market throughout the week just ended, with a better inquiry noted for the first time in several weeks. No change was uncovered in quotations. November exports of soda bichromate and chromate amounted to 440,817 pounds, valued at $26,811, of which 19,716 pounds went to Sweden; 44,800 pounds to the United Kingdom; 238,922 pounds to Canada; 19,938 pounds to Mexico; 32,962 pounds to Argentina; 35,050 pounds to Chile; 33,600 pounds to British India and 11,200 pounds to Egypt.

Zinc Dust.—A firm tone continued to prevail throughout the week, reflecting the steadiness in the basic metal. Business was moderate.

Dyestuffs

Annatto.—The call for the paste material was fair at times during the week, with price holding steady. Business in the seed was moderate, reflecting the disposition on the part of consumers to order out supplies when needs became urgent only. No change was uncovered in price from the preceding period.

Archil.—Some improvement in business was noted in this market throughout the week under review, although commitments were made in small quantities. Prices displayed a firm tone.

Cochineal.—A firm tone continued to rule in this market, with the tendency on the part of consumers to order out supplies on a hand-to-mouth basis.

Fustic.—The low operating rate of certain consumers brought about a slow demand during the week. Sellers are looking forward to increased business in the near future. Quotations displayed a steady tone.

Indigo.—The inquiry for natural indigo continues rather quiet, although prices were well held. The call for synthetic indigo was irregular, with prices in conformity with those ruling previously.

Logwood.—An irregular demand continued to dominate during the week, sellers reported that prices were holding steady to firm. November exports amounted to 40,819 pounds, valued at $5,874, of which France received 2,289 pounds; Italy, 6,775 pounds; Netherlands, 1,100 pounds; Canada, 16,476 pounds; Mexico, 3,541 pounds; Brazil, 9,138 pounds, and Japan, 1,500 pounds.

Madder, Dutch.—Consumers were making withdrawals against contracts at a slow pace, with the disposition apparently to mark time until later in the quarter. Quotations displayed a firm tone.

Sizing Materials

Albumen.—The market continued nominal, with the call negligible and the amount of spot stocks virtually depleted as the result of the contraction in exports from China.

Dextrin.—A fair demand was evident in this market throughout the week under review; prices were advanced 5c. per 100 pounds in the preceding week. Stocks of corn on farms on January 1, 1938, were estimated at 1,667,989,000 bushels, compared with 806,935,000 bushels on January 1, 1937, and the five-year (1928-32) average of 1,384,343,000 bushels. The relatively large stocks of corn reflect the smaller number of livestock being fed, according to the United States Department of Agriculture.

Egg Yolk.—The market continued nominal as the result of the small supplies at hand. Farm flocks began the year 1938 with the smallest number of hens and pullets of laying age on hand, January 1, in the 1925-38 record. The reported average number per flock was 77.4, which compares with January 1 numbers of 84.2 in 1937; with 80.6 in 1936, and with 78.3 in 1935. The 10-year 1925-34 average January 1 number is 87.5. The low average of layers in the country this year is due largely to the great decrease that has taken place in the Central States during recent years as a result of recurring droughts and feed shortage in that important area. January numbers in the West North Central group of states are now 20 percent below the 10-year average January number, and about 10 percent below the January average of last year. In the South Central States they are 15 percent less than the January average and 9 percent below last year. January numbers are also below the 10-year average by 9 percent in the South Atlantic and 4 percent in the East North Central and Far Western areas. In the North Atlantic area, however, reported numbers are 2 percent higher than the 10-year average, although they are 8 percent below numbers there a year ago, according to the United States Department of Agriculture.

Starch.—Business continued on a moderate scale during the week just ended. Quotations were advanced 5c. per 100 pounds in the preceding week. Visible supplies of corn for last week were 34,947,000 bushels, as compared with 34,803,000 bushels in the preceding week and 13,361,000 bushels in the corresponding week a year ago.

Tanning Materials

Gambier.—An irregular demand prevailed in this market, with quotations holding steady.

Mangrove Bark.—A moderate inquiry was evident in this market; prices were well-maintained at level prevailing in the preceding period.

Myrobalans.—Business in this market was fair at times during the week under review. Quotation for J1 myrobalans were slightly lower at $29.50 per ton; J2 and R2 were $22.50 per ton and $22.00 per ton, respectively, unchanged from last week.

Spruce.—Demand continued irregular at times throughout the week. Prices for spruce extract were fractionally higher for car lots at .01⅝c. per pound for barrels; tanks, .01⅛c. per pound; powdered, bags, .04c. per pound and tanks, .01⅜c. per pound.

Sumac.—A better inquiry was prevalent during the week. Prices were advanced $1 at $63 per ton for the ground and $68 per ton for the leaf material.

Valonia.—Business in this market was along routine lines, with usual consumers ordering out supplies in fair volume. Quotations for the beards were lower at $50 per ton, while the cups remained unchanged at $35.50 to $37.50 per ton.

Wattle Bark.—Developments of importance were lacking throughout the week under review. Prices were well maintained at levels previously in force.

Bids Wanted

Alcohol, Denatured:—Supplies; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2531, opening January 25.

Alcohol, Ethyl:—18,500 gallons; Chemical Warfare Service, Edgewood Arsenal, Maryland; circular 197, opening February 3.

Alumina Stearate:—Supplies; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2489, opening January 18.

Aluminum Powder:—250,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2552, opening January 25.

Benzol:—5,250 gallons for eastern yards; Bureau of Supplies and Accounts; Navy Department, Wash.; schedule 2513, opening January 25.
2,700 gallons for Mare Island; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2513, opening January 25.

Boiler Compound:—123,800 pounds; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2511, opening January 25.

Calcium Carbide:—200,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2587, opening January 18.

Calcium Chloride:—154,000 pounds; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2512, opening January 25.

Dichlorodifluoromethane:—6,697 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 900-1418, opening January 28.

Fertilizer, Mixed:—11 tons for Cairo, Ga.; Division of Purchases, Sales and Traffic, Department of Agriculture, Wash.; procurement 1222, opening January 21.

Glycerin:—3,000 gallons for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2588, opening February 1.

Gold Leaf:—Supplies; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2486, opening January 18.

Manganese, Resinate:—20,000 pounds, precip.; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2485, opening January 18.

Metal Polish:—600,000 pints; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2515, opening January 18.

Naphthalene Flakes:—2,000 pounds; Quartermaster Depot, Chicago; procurement 199-109, opening January 20.

Pine Oil:—5,000 gallons for Norfolk; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2496, opening January 18.

Potash Chlorate:—4,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 619, opening January 26.

Rosin:—150,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2496, opening January 18.
30,000 pounds for eastern yards; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2496, opening January 18.
101,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2496, opening January 18.

Scouring Compound:—21,300 pounds; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2517, opening January 25.

Silica:—Supplies; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2484, opening January 18.

Soap:—1,800,000 pounds; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2499, opening January 18.

Soap, Laundry:—123,000 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-194, opening January 20.

Soap Powder:—1,300,000 pounds; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2518, opening January 25.

Soda Ash:—43,500 pounds; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2510, opening January 25.

Soda Phosphate:—185,000 pounds of tribasic; Bureau of Supplies and Account; Navy Department, Washington; schedule 2553, opening January 25.

Steel Drums:—600-10-gallons; Purchasing and Contracting Officer, Holabird Quartermaster Depot; procurement 398-79, opening January 24.

Titanium-Barium Pigment:—800,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2594, opening February 1.
600,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 2594, opening February 1.

Turpentine:—18,010 gallons for eastern yards; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2496, opening January 18.

Wax, Carnauba:—20,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2498, opening January 18.
20,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2498, opening January 18.

Wax, Ceresin, Yellow:—20,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2498, opening January 18.
10,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2498, opening January 18.

Zinc Oxide:—700,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2494, opening January 18.
1,000,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Wash.; schedule 2494, opening January 18.

Holiday Mementoes Received

The REPORTER acknowledges in appreciation the receipt from the following of mementoes of the holiday season as noted:—

P. H. Glatfelter Company, Spring Grove, Pa.—Appropriately decorative number of *Chats* ("with friends of" the company), and a "Paper Notes" memorandum booklet.

LaWall & Harrisson, Philadelphia.—Engraved card calendar with a portrait of the late Dr. Charles Herbert La Wall.

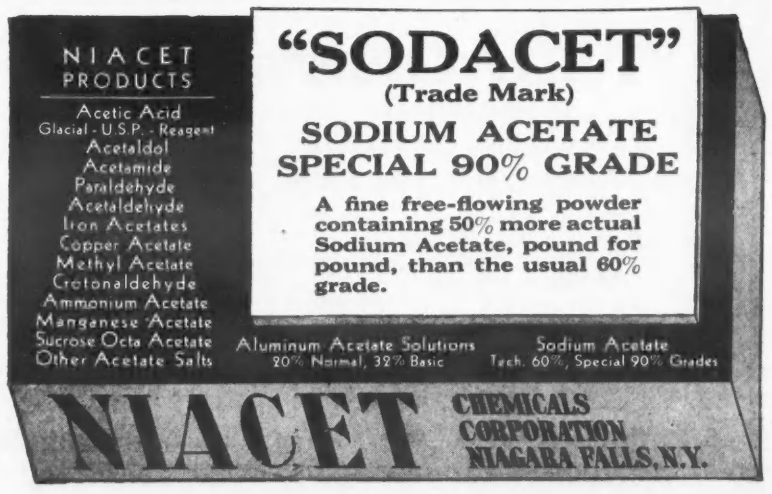
Benjamin Moore & Co., New York.—Folder colorfully depicting Fraunce's Tavern and repeating the farewell wish of George Washington that his fellow-officers might have a happy and prosperous future.

Triangle Ink & Color Company, Brooklyn.—Wall calendar with a brightly colored picture of a tropical landscape.

Horatio L. Wilkinson, Brooklyn.—Card showing the "New Year" painting a holiday greeting.

R. A. Westerfield was elected a director of the Vulcan Corporation, to fill an existing vacancy.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7



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Carbon Black Prices Cut Another Quarter-Cent—Base Price Now 2¼c. Per Pound—General Trade Better—Lead Prices Gain Further—Naval Stores Firmer

Carbon black prices moved to another new low last week as the warfare between one factor and the other producers continued without sign of abatement. The producer who contends that tankcar prices shall be a quarter-cent lower than the bag-car prices reduced the tankcar market on Tuesday; other producers met this cut as usual on the following day and lowered the bag prices to the same level. Selling prices for standard blacks have been cut more than 43 percent since November 1. Production costs were passed long ago and as each cut in the price establishes a new all-time low level, the trade wonders how long the producers will be able to stand the pace and who will be forced to yield. Since prices first collapsed there has been one reduction of a half-cent and five reductions of a quarter-cent each.

In other directions, market conditions improved. The turn in the trend of lead prices on January 7 was followed last week by another boost in that metal. Car lot prices for red lead and litharge followed the metal price automatically but the increases were not quite sufficient to alter the l.c.l. or card prices for these commodities.

Orders for deliveries of supplies had good volume and frequency last week. Things turned livelier right after the first of the new year and each trading day last week seemed to show progressive improvement. Most buyers were still hesitant to stock up beyond nearby needs but the turn in metal prices during the past ten days drew commodity buyers closer to the markets.

Southern and local markets for rosin and turpentine had a firmer tone last week, the trend of prices being upward at times. Receipts showed the decrease that had been expected and offerings in primary centers were light. The export inquiry for turpentine increased and foreign takings of rosin were on a fair scale while some improvement was also reported in domestic demand.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, pig, $1 per ton.
red, c.l., 1/20c. per lb.
Litharge, c.l., 1/20c. per lb.
Methyl acetate, 1c. per lb.
Pitch, 25c. per bbl.
Rosin, gum, 10c. to 50c. per 280 lbs.
Turpentine, gum, 2¾c. per gal.

Reduced

Black, carbon, c.l., ¼c. per lb.
Diethyleneglycol, 3c. per lb.
Diethanolamine, 2c. per lb.
Gum, dammar, Singapore, No. 1, 1½c. per lb.
No. 2, ⅝c. per lb.
Thus, 25c. per 280 lbs.
Mercury oxide, tech., red, 15c. per lb.
yellow, 10c. per lb.
Monoethanolamine, 2c. per lb.
Tricresyl phosphate, 2c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.6	131.6	131.6	132.7

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The turn in the lead market on the preceding Friday was followed by some heavy ordering for both January and February position, and the price moved up another $1 per ton Tuesday morning. The increase placed the market at 4.75c. per pound at East St. Louis and 4.90c. to 4.95c. per pound in New York, according to seller. The two advances which followed a five months' period of decline drew the trade close to the market, and, while ordering slowed down in the closing part of the week, the buyers were watching things cautiously under the possibility of further recovery in the price.

Zinc has not shared in the price gain registered by lead and copper. Prices were held at 5c. per pound, basis East St. Louis. Zinc stocks on hand at the end of 1937 were 64,776 tons, or about two months' supply at current consumption rates, according to the American Zinc Institute. November stocks were 42,534 tons and December, 1936, stocks were 44,955 tons. Shipments during December totaled 29,545 short tons versus 32,676 tons (revised) in November, and 59,512 tons in December, 1936. Production of zinc during December rose to 51,787 tons, against 49,393 tons in November and 46,940 tons in December, 1936.

The American Zinc Institute's weighted average prime Western and brass special sales report for December showed sales for December delivery of 2,657 tons of prime Western at a weighted average selling price of 5.01c. per pound, East St. Louis, and 23 tons of brass special at 5.1c. per pound; sales for subsequent delivery were 1,792 tons at 5c. per pound and 90 tons at the average monthly price for January, all of which was prime Western.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from January 8 to January 14, inclusive, were as follows:—

	Pigs — Per pound — New York.	Pigs — Per pound — E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0485@.0490	$0.0470	..	..	..
Monday	.0485@.0490	.0470	16	11	3
Tuesday	.0490@.0495	.0475	16	11	9
Wednesday	.0490@.0495	.0475	17	3	9
Thursday	.0490@.0495	.0475	17	3	9
Friday	.0490@.0495	.0475	17	1	3

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from January 8 to January 14, inclusive, were as follows:—

	Slabs — Per pound — New York.	Slabs — Per pound — E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0535	$0.0500	..	..	..
Monday	.0535	.0500	15	7	6
Tuesday	.0535	.0500	15	17	6
Wednesday	.0535	.0500	15	18	9
Thursday	.0535	.0500	15	0	0
Friday	.0535	.0500	15	10	0

Pigments

Ordering of pigments materials continued at a fair rate last week. Although buyers were still disinclined to build up inventories, there has been a marked improvement in purchasing since the beginning of the new year. Two price advances in pig lead within the space of four days drew the attention of pigment buyers closer to the market and while the extent of these advances was not sufficient to boost the card prices for lead oxides, the movement was a definite turn in trend. Car lot prices for lead oxides advanced automatically with the metal market.

White Lead.—Barrel prices for dry basic carbonate and basic sulphate were unchanged at the levels established at the beginning of December but were statistically improved by the turn of position in the basic metal market. The metal price increases of January 7 and 11 were the first upward moves in the market since last August. Selling schedules for kegs of dry lead and lead-in-oil were revised Monday and the 100-pound keg price for lead-in-oil is now 9¾c. per pound for dealers, 10¾c. per pound to painters and the list price is 11¾c. per pound. The suggested retail price for dry white lead in 100-pound kegs is 10¼c. per pound.

Red Lead.—Car lot prices for dry red lead in barrels moved up $1 per ton on Tuesday. The prices were now:—95 percent, 7.4c. to 7.65c. per pound; 97 percent, 7.65c. to 7.9c. per pound, and 97 percent, 7.90c. to 8.15c. per pound. These prices were based according to delivery point and are now $3 per ton higher than they were at the beginning of the month. Card prices for l.c.l. quantities were unchanged but another 10-point rise in the metal would raise the card prices ¼c. per pound. Sug-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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gested resale prices for keg lots were revised Monday to 11¼c. per pound for dry red lead in 100-pound kegs and 12c. per pound for lead-in-oil.

Litharge.—The price trend of the market was reversed January 7 when the market advanced for the first time in five months. Car lot prices advanced again last Tuesday to the basis of 6.4c. to 6.65c. per pound, according to delivery point. Last week's rise was $1 per ton; the January 7 advance was $2 per ton. The boost in the metal market was not sufficient to alter the card or l.c.l. prices but if lead should move upward another 10 points the card prices would be marked up ¼c. per pound. The suggested resale price for 100-pound kegs was revised to 10¼c. per pound, effective last Monday.

Lithopone.—Local manufacturers were more cheerful in their views of the market. As in the case of other pigments, the buyers were indisposed to buy for inventory but there was a more rapid withdrawal rate and the quantities involved have broadened since the beginning of the year.

Titanium Pigments.—The month got off to a slow start but there was an increasing velocity to the rate of ordering as the month progressed. The past weeks' trade was fairly active considering the slowness of recent weeks. Prices for all of these pigments continued steady and unchanged, the latest change having been the reduction in lead titanate on December 20.

Zinc Oxide.—The leaded zinc oxides underwent statistical improvement by the turn-about of conditions in metallic lead. However, there was no change in the prices last week. Demands from the rubber goods manufacturers were slow but slightly improved; the paint trade's interest has been encouragingly better since the first of the year.

Fillers and Extenders

Inert pigments and fillers have shared in the slight improvements of attitude that the buyers of paint materials have shown since the beginning of the new year. There is no buying rush as there was in the early part of 1937 and the buyers were not stocking up on raw materials but there has been a definite improvement in the call for supplies for spot and nearby needs. There were no price changes reported last week.

Clay.—The movement against new contracts has been slow inasmuch as many buyers stocked up during the closing weeks of 1937 prior to the increase in prices which took place on some clays at the beginning of the new year.

Talc.—Reports from the Ohio producers of alumina-magnesia type material indicated that prices were unchanged and would likely continue for some time at the current levels of $21 per ton for car lots and $24 per ton for l.c.l. amounts, both f.o.b. seller's mills.

Dry Colors

Carbon black prices sank further. Continuing from where they left off a week ago, tankcar prices were cut ¼c. per pound by one seller on Tuesday and other makers followed with a similar reduction on tankcars and bag packing in carload lots. The base prices were now down to 2¼c. per pound; for almost four years prior to November 1, 1937, the base price was 4c. per pound. Each reduction in the price creates another new all-time low record, and each ¼c. reduction means an annual loss of about $900,000 to the producers. After last week's reductions, the market appeared just as it did after previous reductions in that prices are likely to move further down as not.

Carbon Black.—The reductions in car lots of standard blacks last week placed the basic market at 2¼c. per pound for either tankcar or bag packing. Delivered prices in the several zones are as follows:—Zone A, 2.70c. per pound; B, 3c. per pound; C (50,000 pounds), 3.15c. per pound and (30,000 pounds) 3.30c. per pound; D, 3.15c. per pound; E, 3.30c. per pound; F, 3.60c. per pound, and G, 3.80c. per pound.

Chrome Colors.—Yellow and greens were among those commodities that took a sharp reversal of trend after the beginning of the new year and supplies were now moving out against contracts in good style. Prices were firm.

Iron Blues.—The demands for these colors have also improved measureably during the month to date. Last week's calls for deliveries were broader than those of the preceding week.

Iron Oxides.—There have been no price changes since the new year began. The buyers have been coming into the market in better fashion than they showed for the past few months.

Mercuric Oxides.—Prices were lowered Friday, following a weakness in the metal. The technical yellow was cut 10c. per pound to the basis of $1.29 per pound; red was lowered 15c. to the basis of $1.34 per pound.

Toner Reds.—The ink makers were buying in better fashion and the movement of these reds into consumption was also better during the first half of this month than it had been for the past few months.

Varnish Gums

Although improved buying interest has been felt in almost every other division of the paint, varnish and lacquer chemicals market, the importers of natural resins could not point to anything more than some improvement in sentiment. Ordering for replacement has not shown any change from the dullness of recent weeks. Primary market prices were featured last week by reductions in No. 1 and No. 2 grades of Singapore dammar gum.

Copals. — There were no further changes in the Congo group last week. The recent reductions in prices have not stirred trade. In fact, replacement market ordering last week was just as dull as it was in December.

Dammars.—The replacement market prices were lowered 1½c. per pound on No. 1 Singapore to the basis of 19⅝c. per pound. The price for No. 2 grading was lowered ⅜c. per pound to the basis of 15c. per pound. These quotations were for car lot amounts and were subject to the usual differentials for smaller quantities.

Synthetic Resins

As reported a week ago, ester gum buyers were operating in more active fashion after the turn of the year. The producers were offering contracts for the first three months of the year at the 9c. per pound level that was established in the middle of December.

Naval Stores

A firm tone continued to prevail in Southern markets for naval stores last week. The trend of both turpentine and rosin was upward at times, the strength of the former commodity being rather surprising to some in view of the sluggishness prevailing for a considerable period during the latter part of last year. The export inquiry for turpentine showed some increase and although the volume of business closed for the week was apparently not of much importance, the fact that foreign buyers were manifesting more interest in the American market had a tendency to strengthen the more optimistic feeling noted in the previous week regarding the outlook for business and prices. The export inquiry for rosin also showed some improvement. There were reports current to the effect that Japanese interests were making inquiries. In recent weeks the call from that quarter was decidedly disappointing in view of political conditions in the Far East.

As to domestic trade, an increase was noted in the purchases of rosin by soapers and paper makers. Demand was apparently limited as a rule to moderate quantities as many consumers were still disinclined to purchase ahead to any important extent. Supplier in the hands of many users of rosin are believed to be comparatively light, however, and the opinion was expressed that a further broadening of purchasing operations in the near future might reasonably be expected, especially as more favorable reports were current concerning the trend in important branches of trade and industry. There was a disposition in some quarters, too, to take a rather more favorable view of the labor situation and of the outlook for legislation in the matter of tax revision.

Developments in the statistical position were closely watched. Receipts showed a decrease, as had been predicted after the turn of the year, and the indications seemed to point to a further shrinkage in marketing in the near future. According to official statistics, exports of gum rosin from the United States for eleven months ended with November last were 687,579 barrels against 804,248 barrels in the same time in the preceding year; wood rosin 247,367 barrels against 295,126 barrels. Exports of gum turpentine for eleven months 10,012,200 gallons against 11,391,593 gallons; wood turpentine 1,823,923 gallons against 1,294,514 gallons.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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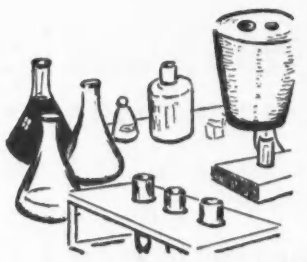

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Paint, Varnish, Lacquer, Fillers Sales: Nov.

The value of paint, varnish, lacquer and fillers sold in November totaled $26,105,315, according to reports filed with the Bureau of Census by 680 establishments. Details of sales reported by these establishments and comparative data for 1936 follow:—

	Total sales reported by 680 establishments.	Classified sales*: Trade sales of paint, varnish, and lacquer.	Classified sales*: Industrial sales: Total.	Industrial sales: Paint and varnish.	Industrial sales: Lacquer.	Unclassified sales reported by 100 establishments.
1937.						
January	$31,288,615	$16,047,179	$12,456,616	$8,906,595	$3,550,021	$2,784,820
February	31,015,653	15,440,210	12,885,413	9,201,543	3,683,870	2,690,030
March	39,498,071	19,398,445	16,601,194	12,036,210	4,564,984	3,498,432
April	46,345,474	25,102,306	16,759,108	12,179,600	4,579,508	4,484,000
May	45,254,635	24,206,972	16,785,249	12,526,801	4,258,448	4,262,414
June	41,656,085	22,348,182	15,343,359	10,843,172	4,500,187	3,964,544
July	36,004,636	18,502,323	14,186,572	9,763,920	4,422,652	3,315,741
August	35,305,043	18,521,006	13,517,878	9,230,886	4,286,992	3,266,159
September	34,489,882	18,166,243	12,993,944	9,023,194	3,970,750	3,329,695
October	32,791,845	16,256,222	13,447,493	8,761,135	4,686,358	3,088,130
November	26,105,315	12,790,654	10,889,719	7,169,000	3,720,719	2,424,942
Totals, 11 mos..	$399,755,254	$206,779,802	$155,866,545	$109,642,056	$46,224,489	$37,108,907
1936.						
January to October.	338,049,786	175,251,935	131,602,666	$93,208,926	$38,393,740	$31,195,185
November	29,488,620	13,894,427	13,182,544	8,829,357	4,353,187	2,411,649
Totals, 11 mos..	$367,538,406	$189,146,362	$144,785,210	$102,038,283	$42,746,927	$33,606,834
Totals, year....	398,032,770	203,073,252	158,221,017	111,032,702	47,188,315	36,738,501

* Reported by 580 establishments.

Exports of pine oil for eleven months 1,823,923 gallons against 1,267,608 gallons.

Turpentine.—Primary markets displayed noteworthy strength and the situation here showed improvement. No material broadening of business was reported but there was an increased call for small or moderate quantities for prompt shipment, the movement of such lots in the aggregate being larger than in the previous week. Primary receipts were light and offerings in primary markets were comparatively small.

SAVANNAH, Jan. 14.—Turpentine was fairly active. The market had a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels: Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday					
Monday	28¼	114	37	75	32,100
Tuesday	29	57	185	185	32,100
Wednesday	29½	32	72	3,422	28,750
Thursday	30	47	53	41	28,762
Friday	30¼	82	257	494	28,525

* Market closed.

JACKSONVILLE, Jan. 14.—The turpentine market had a firm tone. Receipts were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels: Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday					
Monday	28¼	55	132		8,334
Tuesday	29	36	36	1	8,369
Wednesday	29½	73	51		8,420
Thursday	30	49	28		8,448
Friday	30¼	55	74	20	8,502

* Market closed.

PENSACOLA, Jan. 8.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels: Re-ceipts.	Ship-ments.	Stocks.
Monday	64		28,713
Tuesday	80		28,793
Wednesday	25	438	28,380
Thursday	13		28,393
Friday	31	253	28,171
Saturday	13		28,184

CHICAGO, Jan. 14.—Turpentine prices are up moderately, and the advance has been accompanied by evidences of a little healthier condition in the market. There has been a modest revival also in the amount of business done, in both wholesale and retail divisions. Ruling prices at the close of business last night were:—Five-drum lots, 39c. per gallon; five wood barrels, 44c.; single drums, 42c.; single barrels, 47c.

LONDON, Jan. 14.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	32	0
Monday	32	6
Tuesday	33	0
Wednesday	33	6
Thursday	33	9
Friday	33	9

Stocks of American turpentine in London were:—

	Jan. 14.	Previous week.	Last year.
Barrels	25,396	30,072	28,602

Rosin.—A firmer situation in the South was reflected here, the trend of quotations on all grades being upward at times, although changes from day to day were not very wide. Developments in primary markets were of an encouraging nature, however, and business here was somewhat more active, the volume of inquiries and orders received for small or moderate quantities showing an increase over the previous week.

SAVANNAH, Jan. 14.—Changes in rosin quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted: *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$4.30	$4.40	$4.50	$4.50	$4.75
D		4.30	4.50	4.50	4.50	4.75
E		4.65	4.75	4.90	5.00	5.10
F		5.60	5.65	5.70	5.80	5.85
G		5.65	5.70	5.80	5.85	5.90
H		5.80	5.85	5.90	5.95	6.05
I		5.90	5.95	6.00	6.10	6.15
K		6.10	6.15	6.20	6.20	6.20
M		6.25	6.30	6.35	5.35	6.35
N		6.35	6.35	6.40	6.50	6.50
WG		7.05	7.05	7.05	7.25	7.35
WW		7.50	7.50	7.50	7.75	7.75
X		7.50	7.50	7.50	7.75	7.75
Barrels						
Sales		400	308	294	90	186
Receipts		404	531	570	339	299
Shipments		240	342	2,441	97	1,743
Stocks		74,450	74,639	72,768	73,010	71,566

* Market closed.

JACKSONVILLE, Jan. 14.—The rosin market had a firm undertone. Receipts were lighter. Following is a record of the market for the week:—

	Price per unit—Low of range quoted: *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$4.30	$4.40	$4.50	$4.50	$4.75
D		4.30	4.50	4.50	4.50	4.75
E		4.65	4.75	4.90	5.00	5.10
F		5.60	5.65	5.70	5.80	5.85
G		5.65	5.70	5.80	5.85	5.90
H		5.80	5.85	5.90	5.95	6.05
I		5.90	5.95	6.00	6.10	6.15
K		6.10	6.15	6.20	6.20	6.20
M		6.25	6.30	6.35	6.35	6.35
N		6.35	6.35	6.40	6.50	6.50
WG		7.10	7.10	7.10	7.25	7.25
WW		7.40	7.50	7.50	7.75	7.55
X		7.40	7.50	7.50	7.75	7.55
Barrels						
Sales		379	294	170	340	136
Receipts		455	105	369	344	380
Shipments		2			372	
Stocks		57,227	57,332	57,701	57,673	58,053

* Market closed.

PENSACOLA, Jan. 8.—The rosin market was steady. Following is a record of the market for the week:—

	Barrels: Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	242	327	144	77	99	61
Shipments	550					300
Stocks	26,050	26,377	26,521	26,598	26,458	26,359

CHICAGO, Jan. 14.—Improvement is reported in the rosin situation and outlook, and accordingly the year is opening with a slightly improved tone, and with a little more business. Ruling prices are:—B grade, $7.40 per lot of 280 pounds; G grade, $8.70; M. grade, $9.20; W. W. grade, $10.50.

LONDON, Jan. 14.—Quotations on American rosin were as follows:—

	Per cwt. in barrels: Common. s.	d.	W.W. s.	d.
Saturday	15	9	19	7½
Monday	15	9	19	7½
Tuesday	15	9	19	7½
Wednesday	15	9	19	7½
Thursday	15	9	19	7½
Friday	15	9	19	7½

Pine Oil.—The situation here continued to be featured by a firm tone. There was a somewhat better inquiry from domestic consumers who were in need of fresh supplies, and a fairly active export inquiry was also noted.

Pitch.—A firmer tone developed, this being attributed to recent strengthening developments in primary centers. Demand was fairly active, sales being reported at prices showing an advance of 25c. as compared with the previous week.

Rosin Oil.—No broadening of business was noted, consumers still being disinclined to purchase in advance of current needs. There were reports of some increase in the call for moderate

lots, however, and to that extent the situation showed improvement.

Tar. — Quotations were stationary, and the tone of the market appeared to be firm. There was a fairly active demand from local and other consumers.

Thus.—Sales were reported at $13.50 per 280 pounds, and the market appeared to be steady at that level.

Shellac

Consumer business in the market for shellac was reported somewhat improved last week. More orders appeared on the market, and a gain in inquiry contributed to the development of a better feeling in the market as a whole. Agents for Calcutta shippers, however, reported little change in the very conservative volume of purchases notable for the past several weeks. Only a limited amount of business went to the Far East, notwithstanding which the market in Calcutta remained absolutely without change and evidently in highly stable position. London advanced a shilling by midweek but lost all the rise toward the close of the period.

Calcutta, Jan. 14.—Shellac quotations, on the landed New York basis, ex dock net cash, were as follows:—

	Per pound	
	Jan. 14.	Jan. 7.
January	10¾c.	10¾c.

Day-to-day prices were as follows:—

	Per pound.
January 7	10¾c.
January 8	10¾c.
January 10	10¾c.
January 11	10¾c.
January 12	10¾c.
January 13	10¾c.
January 14	10¾c.

London, Jan. 14.—Prices quoted on pure T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	January 14.		January 7.	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	43½	9.6	43½	9.6
May	44½	9.7	44½	9.7

Day-to-day closing prices were as follows:—

	Per hundredweight	
	March.	May.
January 7	43s. 6d.	44s. 6d.
January 8	43s. 6d.	44s. 6d.
January 10	44s.	45s.
January 11	44s. 6d.	45s.
January 12	44s.	45s.
January 13	43s. 6d.	44s. 6d.
January 14	43s. 6d.	44s. 6d.

Lacquer Materials

Business in the market for lacquer materials continued quiet. Manufacturing consumers were operating at low schedules, and commitments are being made to care for immediate requirements. Automobile production last week was estimated at 54,084 units, compared with 49,550 units in the preceding week, and 92,142 units for the corresponding week last year. The minor increase last week was due to the resumption of production by a certain leading manufacturer. Changes in the market included reductions in diethanolamine and tricresyl phosphate. Acetone and butyl acetate prices were unchanged from the preceding period.

Acetone.—The inquiry in this market continued along moderate lines. Imports of acetone in Japan registered a sharp increase during the first ten months of 1937 to 1,342,421 kin from 511,644 kin in the corresponding period of 1936.

Butyl Acetate.—An irregular demand prevailed in this market during the week. Prices for first quarter of 1938 remain firm.

Diethanolamine. — Business in this market was rather slow at times during the week. Prices were reduced, with car lots at 24c. per pound; less car lots, 25c. per pound, and tanks, 23c. per pound.

Diethyleneglycol. — Prices were revised to 16c. per pound for car lots, and less car lots at 17c. per pound.

Ethyl Acetate.—A fair demand was evident in this market during the week under review. Prices were unchanged.

Tricresyl Phosphate.—Prices were reduced, with car lots for technical grade 1 at 24½c. per pound; less than 5 drums, 39c. per pound; grade 2, car lots, 23½c. per pound; 5 to 28 drums, 24c. per pound, and less than 5 drums, 38c. per pound.

Driers

While the sellers were principally engaged in booking contracts for the first quarter of the year, spot business and initial ordering against new contracts was quite lively compared with the slow rate of trade during November and December. The negotiations for new contracts continued through last week because the sellers were later than usual in determining price policies for the period in question.

Glues and Binders

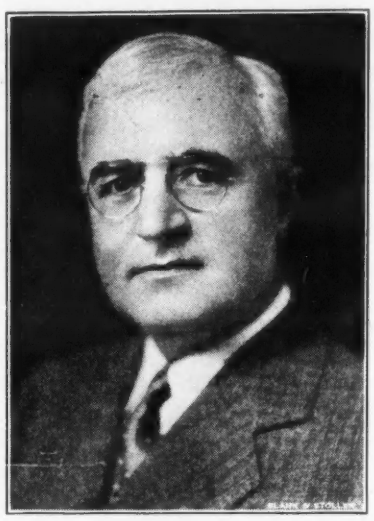
Casein.—The paper coaters were not disposed to make new purchases, and they were believed to be amply stocked for the time being. Prices for domestic and Argentine material were unchanged, with the former at 10½c. to 11c. per pound for car lots of 20-30 mesh delivered, and 11c. to 11½c. per pound for similar quantities of 80-100 mesh. Argentine did not figure very much in the small trading that was done during the week.

Glues. — The animal glues did not show much activity during the week. Spots of improvement were noted here and there, but in a general way the sellers could not point to improvement except in sentiment. Prices were unchanged.

Rockwell President Of National Lead

—*Continued from page* 3

was vice-president up to the time of his death in 1908. The new president joined the National Lead Company as superintendent of the Southern White Lead Works in 1896. At the consolidation of the Southern and Shipman White Lead Works in 1906, he was made general superintendent. In 1920 he became production manager of National Lead Company, and in 1926 was elected a member of the board of directors. He



Fred M. Carter

was appointed a member of the executive committee in 1927 and became a vice-president last year.

Mr. Carter had been on leave of absence for about a year. He became associated with the lead industry in 1898 with the old Carter Lead Company, which was headed by his uncle, Levi Carter. The National Lead Company acquired the Carter company in 1906. Mr. Carter had been president of the National Lead Company since 1933 when Edward J. Cornish was made chairman of the board of directors.

Paint Study Planned By College in India

Fergusson College, Poona 4, Bombay Presidency, India, is organizing an institute for studies in the field of pigments, paints, and varnishes. It invites manufacturers of these products and of equipment for plants in which they are made to send it descriptive literature for use in the proposed studies. Contributions should be sent for the attention of Prof. R. P. Sabnis.

Fergusson College is one of a number of educational institutions operated by the Deccan Education Society, a prominent organization devoted to the advancement of education and culture in India.

Rosin Consumption

The Naval Stores Research Division of the Bureau of Chemistry and Soils of the Department of Agriculture has discovered an error in addition in its report on the industrial consumption of rosin during the April-September, 1937, period. The total industrial consumption was 599,932 barrels, instead of 559,932 barrels as given in the table printed in the REPORTER for December 27, 1937. The several items making the total were correctly stated, but the quantity of rosin "not accounted for" should be 83,917 barrels, instead of 123,917 barrels.

British Tariff Bargaining Wide

Continued from page 3

British government is presumed to have an interest greater than that of any other country. It does not include many items which the British may export to this country or may desire to sell here but which are principally supplied by other nations and which the Department of State is therefore reserving for the purpose of bargaining with such nations. Any concessions granted to the British through this agreement will be generalized to all other countries with which the United States has most-favored-nation treatment—at present this is the entire world with the exception of Germany and Australia.

Excise Taxes Involved

The list includes a number of items already on the free list, and concessions concerning them could only take the form of agreements not to impose duties or import taxes on such articles during the life of the agreement.

Dutiable articles may be the subject of duty cuts as high as 50 percent unless the rate has already been reduced by a tariff bargain with another country, or concessions may take the form of binding against further increase or a stipulation that only a certain quantity may be imported annually at a reduced rate.

The list includes palmkernel oil which is free of duty but subject to an excise tax under the 1934 revenue act, and this item is accompanied by a note implying that the Department of State considers that it has authority to reduce such an excise tax in a reciprocal trade agreement, even though the classification of such articles may meanwhile be changed by judicial decision or otherwise.

Chemicals, Oils and Drugs

The list published by the department includes the following articles of interest to the REPORTER's family of industries and shows the paragraph of the 1930 tariff act applicable to each commodity and the present rate of duty under that act:—

Paragraph of 1930 tariff act.	Description of article.	Present rate of duty.
1	Carbon dioxide, weighing with immediate containers and carton, one pound or less per carton	1c. per lb. on contents, immediate containers, and carton
1	Stearic acid	25%
5	Sodium alginate	25%
5 and 23	All medicinal preparations not specially provided for, whether or not in any form or container specified in paragraph 23	15% or 25%
7	Ammonium carbonate and bicarbonate	2c. per lb.
13	Blackings, powders, liquids, and creams for cleaning or polishing, not specially provided for, and not containing alcohol	25%
20	Chalk or whiting or paris white, precipitated	25%
27	(a) (2) and (5)—Metacresol, orthocresol and paracresol, all the foregoing having a purity of 75 per centum or more, but less than 90 per centum, and metaparacresol having a purity of 75 per centum or more	40% and 7c. per lb.
27	(b)—Metacresol, orthocresol, and paracresol, all the foregoing having a purity of 90 per centum or more	20% and 3½c. per lb.
31	(a) (1)—Cellulose acetate, and compounds, combinations, or mixtures containing cellulose acetate:— In blocks, sheets, rods, tubes, powder, flakes, briquets, or other forms, whether or not colloided, and waste wholly or in chief value of cellulose acetate, all the foregoing not made into finished or partly finished articles	50c. per lb.
31	(b) (2)—All compounds of cellulose (except cellulose acetate, but including pyroxylin and other cellulose esters and ethers), and all compounds, combinations, or mixtures of which any such compound is the component material of chief value:— Finished or partly finished articles not specially provided for, made in chief value from transparent sheets, bands, or strips	60%
34	Halibut-liver oil, natural and uncompounded, not edible, and not specially provided for	10%
38	Extracts, dyeing and tanning:— Myrobalan, and mangrove, not specially provided for, and combinations and mixtures thereof, not containing alcohol	15%
39	Flavoring extracts and natural or synthetic fruit flavors, fruit esters, oils, and essences, all the foregoing not containing alcohol, and not specially provided for	25%
41	Isinglass	25%
42	Glycerin, refined	1 7/15c. per lb.
43	Ink, and ink powders not specially provided for	10%
43	Drawing ink	15%
49	Magnesium carbonate, precipitated	1½c. per lb.
49	Magnesium oxide or calcined magnesia	7c. per lb.
52	Sod oil	5c. per gal.
52	Sperm oil, refined or otherwise processed	14c. per gal.
52	Spermaceti wax	3½c. per lb.
52	Seal oil	6c. per gal. (plus 3c. per lb. under sec. 601(c)(8) of the revenue act of 1932, as amended. See below).
52	Wool grease:— Containing more than 2 per centum of free fatty acids	1c. per lb.
	Containing 2 per centum or less of free fatty acids and not suitable for medicinal use	2c. per lb.
	Suitable for medicinal use, including adeps lanae, hydrous or anhydrous	3c. per lb.
52	Marine animal and fish oils, fats, and greases, not specially provided for.	20%
53	Linseed or flaxseed oil, and combinations and mixtures in chief value of such oil	4½c. per lb.
54	Palmkernel oil	1c. per lb. (also subject to processing tax of 3c. per lb. under Sec. 602½ of the revenue act of 1934, as amended. See below).
58	Patchouli oil, not containing alcohol	12½%
61	Bath salts:— If not perfumed	25%
	If perfumed (whether or not having medicinal properties)	75%
65(a)	Paints, colors, and pigments, commonly known as artists', school, students', or children's paints or colors:—	

—Continued on next page

American Flange Gives Jovial Party

The American Flange & Manufacturing Company held its annual party January 7 in the towers of the Park Central hotel, this city. These parties have long been known for their jovial conviviality, and this year's gathering, conducted in night club style, in the opinion of the guests, surpassed all previous ones in luxuriousness, merriment, and entertainment.

The bulk of the credit for this highly pleasing affair is given to R. L. Parish, president of the company, and J. J. Myers, general manager, who arranged the details so that all were enthusiastic over the manner in which every desire and whim had been anticipated. The guests were representatives of a majority of the country's major chemical, paint, and petroleum companies. The attendance, which approached 250, was manifestly complimentary to the advance efforts of F. W. Sample, vice-president in charge of sales.

The guests widely expressed doubts that there ever had been a merrier, more satisfactory company party. The invitations said that festivities would start at 6:30 p.m.; by that hour seventy-five guests had arrived, and the party was on. A bar, catering to every taste, was set up in the reception room. The arriving guests were photographed by a tintype "artist" who posed his subjects in humorous props that no boardwalk or county-fair tintype ever has employed. More than 500 tintypes had been taken by dinner time, eight o'clock.

The dinner, it was unanimously agreed, left nothing to be wanted by even the most epicurean of epicures. As it closed, Dr. Sims, internationally known humorist, proceeded with great success to demonstrate the reasons for his reputation. He was the opener on a program that presented also a floor show, which maintained a rapid, hilarious pace for almost two hours, climaxing a notably successful contribution by the American Flange Company to the cause of customer good-will.

Mrs. Thomas R. (Hilda) Farrell was seriously injured January 1 when an automobile overturned with her and Mr. Farrell, who is editor of *Drug and Cosmetic Industry*, this city. Mrs. Farrell suffered a dislocation and fracture of one cervical vertebra. She is doing well under the circumstances, and her injury is not expected to be permanent.

Paragraph of 1930 tariff act.	Description of article.	Present rate of duty.
65(a) (2)	In tubes, jars, cakes, pans, or other forms, not exceeding one and one-half pounds net weight each, and valued at 20 cents or more per dozen pieces, and not assembled in paint sets, kits, or color outfits:—	
	In tubes or jars	2c. per tube or jar and 40%
	In cakes, pans, or other forms	1¼c. per cake, pan, or other form and 40%
	(3) In tubes, jars, cakes, pans, or other forms, not exceeding one and one-half pounds net weight each, when assembled in paint sets, kits, or color outfits, with or without brushes, water pans, outline drawings, stencils, or other articles	70% on the value as assembled
	(4) In bulk, or in any form exceeding one and one-half pounds net weight each	8¼c. per oz.
66	Enamel paints, whether dry, mixed, or ground in or mixed with water, oil, or solutions other than oil, not specially provided for	25%
68	Ultramarine blue, dry, in pulp, or ground in or mixed with oil or water, wash and all other blues containing ultramarine:—	
	Valued at more than 10 cents per pound	4c. per lb.
	Valued at 10 cents per pound or less	3c. per lb.
72	Lead pigments:—	
	Litharge	2½c. per lb.
	Red lead	2¾c. per lb.
	All pigments containing lead, dry or in pulp, or ground in or mixed with oil or water, not specially provided for:—	
	In chief value of sub-oxide of lead	3c. per lb., but not less than 15% nor more than 30%
	Other	30%
73	Umbers, crude or not ground	½c. per lb.
73	Iron-oxide and iron-hydroxide pigments, not specially provided for	20%
75	Spirit varnishes:—	
	Containing less than 5 per centum of methyl alcohol	$2.20 per gal. and 25%
	Containing 5 per centum or more of methyl alcohol	25%
	All other varnishes, including so-called gold size or japan, not specially provided for	25%
77	Zinc oxide and leaded zinc oxides containing not more than 25 per centum of lead:—	
	In any form of dry powder	1¾c. per lb.
	Ground in or mixed with oil or water	2¼c. per lb.
80	Toilet soap	30%
80	Soap and soap powder, not specially provided for	15%
81	Sodium chloride or salt, in bags, sacks, barrels, or other packages	11c. per 100 lbs.
82	Sodium hydrosulphite, hydrosulphite compounds, and all combinations and mixtures of the foregoing	35%
205(a)	Plaster rock or gypsum, ground or calcined	$1.40 per ton
207	Clays or earths, including common blue clay and Gross-Almerode glass pot clay, not specially provided for:—	
	Unwrought and unmanufactured	$1 per ton
	Wrought or manufactured	$2 per ton
207	China clay or kaolin	$2.50 per ton
207	Fuller's earth:—	
	Unwrought and unmanufactured	$1.50 per ton
	Wrought or manufactured	$3.25 per ton
208(e)	Mica plates and built-up mica	40%
213	Graphite or plumbago, crude or refined:—	
	Natural amorphous	10%
	Crystalline lump, chip, or dust	30%
214	Ground feldspar	30%
214	Ground Cornwall stone	30%
216	Carbons and electrodes, of whatever material composed, and wholly or partly manufactured, for producing electric arc light:—	
	If less than one-half inch in diameter or of equivalent cross-sectional area	40%
	If one-half inch or more in diameter or of equivalent cross-sectional area	30%
216	Electrodes, composed wholly or in part of carbon or graphite, and wholly or partly manufactured, for electric furnace or electrolytic purposes	30%
216	Brushes, of whatever material composed, and wholly or partly manufactured, for electric motors, generators, or other electrical machines or appliances; plates, rods, and other forms, of whatever material composed, and wholly or partly manufactured, for manufacturing into the aforesaid brushes	45%
216	Articles or wares composed wholly or in part of carbon or graphite, wholly or partly manufactured, not specially provided for	30%
217 and 810	Bottles, wholly or in chief value of glass, not specially provided for, when filled with any article provided for in Schedule 8 of the tariff act of 1930, except solid or condensed malt extract:—	
	If holding more than one pint	1/3c. per lb.
	If holding not more than one pint and not less than one-fourth of one pint	½c. per lb.
	If holding less than one-fourth of one pint	16 2/3c. per gross
217	Jars, covered or uncovered demijohns, and carboys, any of the foregoing, wholly or in chief value of glass, not specially provided for, when filled with any article provided for in Schedule 8 of the tariff act of 1930, except solid or condensed malt extract:—	
	If holding more than one pint	1c. per lb.
	If holding not more than one pint and not less than one-fourth of one pint	1½c. per lb.
	If holding less than one-fourth of one pint	50c. per gross
218(a)	Biological, chemical, metallurgical, pharmaceutical, and surgical articles and utensils of all kinds, including all scientific articles, and utensils, whether used for experimental purposes in hospitals, laboratories, schools or universities, colleges, or otherwise, all the foregoing (except articles provided for in paragraphs 217 or 218(e) of the tariff act of 1930), finished or unfinished, wholly or in chief value of fused quartz or fused silica	50%
218(b)	Tubes (except gauge glass tubes), rods, canes, and tubing, with ends finished or unfinished, for whatever purpose used, wholly or in chief value of fused quartz or fused silica	40%
302(a)	Manganese ore (including ferruginous manganese ore) or concentrates, and manganiferous iron ore, all the foregoing containing in excess of 35 per centum of metallic manganese	½c. per lb on the metallic manganese contained therein
302(g)	Tungsten metal, tungsten carbide, and mixtures or combinations containing tungsten metal or tungsten carbide, all the foregoing, in lumps, grains, or powder	60c. per lb. on the tungsten contained therein and 50% ad val.
302(g)	Tungstic acid, and all other compounds of tungsten, not specially provided for	60c. per lb. on the tungsten contained therein and 40% ad val.
302(k)	Chrome metal or chromium metal	25%
359	Surgical needles (other than hypodermic), composed wholly or in chief value of iron, steel, copper, brass, nickel, aluminum, or other metal, finished or unfinished	55%
360	Scientific and laboratory instruments, apparatus, utensils, appliances (including surveying and mathematical instruments), and parts thereof, wholly or in chief value of metal, and not plated with gold, silver, or platinum, finished or unfinished, not specially provided for (except instruments, apparatus, or appliances for determining the strength of materials or articles in tension, compression, torsion, or shear, and parts thereof)	40%
390	Bottle caps of metal, collapsible tubes, and sprinkler tops:—	
	If not decorated, colored, waxed, lacquered, enameled, lithographed, electroplated, or embossed in color	30%
397	Containers, not specially provided for, wholly or in chief value of tin plate, but not plated with platinum, gold, or silver, or colored with gold lacquer	45%
502	Molasses and sugar sirups, not specially provided for, which contain soluble non-sugar solids (excluding any foreign substance that may have been added) equal to more than 6 per centum of the total soluble solids:—	
	Testing not above 48 per centum total sugars	¼c. per gal.
	Testing above 48 per centum total sugars	0.275c. additional for each per centum of total sugars and fractions of a per centum in proportion
505	Salicin	50%
781	Mustard seeds (whole)	2c. per lb.
781	Mustard, ground or prepared in bottles or otherwise	10c. per lb.
781	Curry and curry powder	5c. per lb.
1501(a)	Yarn, slivers, rovings, wick, rope, cord, cloth, tape, and tubing, of asbestos, or or asbestos and any other spinnable fiber, with or without wire, and all manufactures of any of the foregoing	40%
1501(b)	Molded, pressed, or formed articles, in part of asbestos, containing any binding agent, coating, or filler, other than hydraulic cement or synthetic resin	25%
1511	Stoppers wholly or in chief value of artificial composition, or compressed cork:—	
	Over three-fourths of one inch in diameter, measured at the larger end	10c. per lb.
	Three-fourths of one inch or less in diameter, measured at the larger end	12½c. per lb.
1514	Emery wheels, emery files, and manufactures of which emery, corundum, garnet or artificial abrasive is the component material of chief value, not specially provided for; and all papers, cloths, and combinations of paper and cloth, wholly or partly coated with artificial or natural abrasives, or with a combination of natural and artificial abrasives; all the foregoing	20%
1523	Press cloth, of which human hair is the component material of chief value	8c. per lb. and 40%
1523	Press cloth, of which camel's hair is the component material of chief value	40%, but not less than 25c. per lb.
1523	Hair press cloth, not specially provided for	40%
1536	Manufactures wholly or in chief value of wax, not specially provided for	20%
1609	Annatto and gambier, and extracts thereof, not containing alcohol	Free
1612	Arrowroot, crude or manufactured, and arrowroot starch and flour	Free
1616	Chrysotile asbestos, unmanufactured, crudes, fibers, and stucco	Free
1645	Chalk, crude, not ground, bolted, precipitated, or otherwise manufactured	Free
1647	Chromite or chrome ore	Free
1651	Coaltar products:— Acenaphthene, anthracene having a purity of less than 30 per centum, benzene, carbazole having a purity of less than 65 per centum, cumene, cymene, fluorene, methylanthracene, methylnaphthalene, naphthalene which after the removal of all the water present has a solidifying point less than 79 degrees centigrade, pyridin, toluene, xylene, dead or creosote oil, anthracene oil, pitch of coaltar, pitch of blastfurnace tar, pitch of oilgas-tar, pitch of watergas-tar, crude coaltar, crude blastfurnace tar, crude oilgas-tar, crude watergas-tar, all other distillates of any of these tars which on being subjected to distillation yield in the portion distilling below 190 degrees centigrade a quantity of tar acids less than 5 per centum of the original distillate, all mixtures of any of these distillates and any of the foregoing pitches, and all other materials or products that are found naturally in coaltar, whether produced or obtained from coaltar or other source, and not specially provided for in paragraph 27 or 28 of title I of the tariff act of 1930	Free
1669	Cubebs in a crude state, not advanced in value or condition by shredding, grinding, chipping, crushing, or any other process or treatment whatever beyond that essential to proper packing and the prevention of decay or deterioration pending manufacture, and not containing alcohol	Free
1670	Dyeing or tanning materials:—	
	Logwood, and mangrove bark, whether crude or advanced in value or condition by shredding, grinding, chipping, crushing or any similar process, and not containing alcohol	Free
1683	Goldbeaters' molds and goldbeaters' skins	Free
1685	Guano, basic slag (ground or unground), manures, and (notwithstanding any other provision of the tariff act of 1930), those grades of all other substances used chiefly for fertilizers, or chiefly as an ingredient in the manufacture of fertilizers	Free
1686	Gums and resins:— Dammar, dragon's blood, benzoin, and myrrh	Free
1710	Limestone-rock asphalt; asphaltum and bitumen	Free
1719	Columbium ores or concentrates	Free
1721	Monazite sand and other thorium ores	Free
1727	Palmnuts, and palmnut kernels	Free
1731	Oils, distilled or essential: Cinnamon, citronella, and lime, all the foregoing not containing alcohol	Free
1732	Expressed or extracted palmkernel oil, rendered unfit for use as food or for any but mechanical or manufacturing purposes, by such means as shall be satisfactory to the Secretary of the Treasury and under regulations to be prescribed by him	Free (subject to processing tax of 3c. per lb. under sec. 602½ of the revenue act of 1934, as amended. See below).
1753	Sago, crude, and sago flour	Free
1759	Sheep dip	Free
1768(1)	Spices and spice seeds: Cloves; clove stems; cinnamon and cinnamon chips; ginger root, not preserved or candied; mace; nutmegs; and pimento (allspice); all the foregoing, if unground	Free
1768(2)	Coriander seeds	Free
1776	Strontianite or mineral strontium carbonate and selestite or mineral strontium sulphate	Free
1777	Sulphur in any form	Free
1782	Locust or carob beans, and pods and seeds thereof	Free
1786	Tin in bars, blocks or pigs, alloys in chief value of tin not specially provided for, and grain or granulated and scrap tin, including scrap tin plate	Free
1801	Witherite, crude, unground	Free

Section of revenue act of 1932, as amended.		Present rate of tax.
601(c)(8)	Seal oil	3c. per lb.
Section of revenue act of 1934, as amended.		Present rate of tax.
602½	Palmkernel oil (for possible binding of present excise treatment)	3c. per lb.

Note:—In the event that articles which are at present regarded as classifiable under the descriptions included in the above list are excluded therefrom by judicial decision or otherwise prior to the conclusion of the agreement, the list will, nevertheless, be considered as including such articles and the granting of concessions with regard to them will not be precluded.

Turkish Tariff Pact Scope Announced

OPDR Washington Bureau
January 11, 1938

The Department of State today announced the list of commodities which may be the subject of concessions in duty in the forthcoming negotiation of a reciprocal trade agreement with Turkey.

The Committee for Reciprocity Information will receive briefs from interested parties relating to the agreement up to February 9, and will hold public hearings on the subject February 23. All articles in the list may not be included in the negotiations, but commodities not mentioned will not be considered for duty reductions. Articles now on the free list may be bound against the imposition of duties for the duration of the agreement.

The list includes the following items:—

Paragraph of 1930 tariff act.	Description of article.	Present rate of duty.
38	Valonia extract, not containing alcohol	15%
47	Licorice, extracts of, in pastes, rolls, or other forms	20%
762	Poppyseed	16c. per 100 lbs.
764	Canary seed	1c. per lb.
1552	Meerschaum, crude or unmanufactured	20%
1602	Licorice root, natural and uncompounded and in crude state, not advanced in value or condition by shredding, grinding, chipping, crushing, or any other process or treatment whatever beyond that essential to proper packing and the prevention of decay or deterioration pending manufacture, not containing alcohol	Free
1633	Borax, crude or unmanufactured, and borate of lime, borate of soda, and other borate material, crude and unmanufactured, not specially provided for	Free
1647	Chromite or chrome ore	Free
1670	Valonia, whether crude or advanced in value or condition by shredding, grinding, chipping, crushing, or any similar process, not containing alcohol	Free
1672	Emery ore	Free

Note:—The "present" rates of duty given above are the rates applicable, as of the date of this announcement, to products of Turkey.

Note:—In the event that articles which are at present regarded as classifiable under the descriptions included in the above list are excluded therefrom by judicial decision or otherwise prior to the conclusion of the agreement, the list will nevertheless be considered as including such articles and the granting of concessions with regard to them will not be precluded.

Oils, Fats, and Waxes

Large Sales of Tallow at Higher Prices—Fatty Acids More Active And Firmer—Cottonseed Oil Consumption Drops Sharply —Linseed Oil Advanced—Menhaden and Sardine Oils Up

Miscellaneous oils, fats and greases had an upward trend last week, advances being recorded in various products. Business showed a further expansion. Many consumers were still disposed to adhere to a conservative course in making purchases, but in some cases the call for small or moderate quantities showed a considerable increase over recent preceding weeks. In not a few instances orders were accompanied by requests for prompt shipment. The monthly cottonseed report from the Census Bureau, showing a sharp decrease in consumption of refined oil during the past month, caused a moderate decline in cottonseed oil prices, but the undertone of the market seemed to remain rather firm.

Chinawood oil met with a somewhat better inquiry and the market was firmer, sales being reported at fractionally higher prices. Oiticica oil was firmer in company with chinawood. Coconut oil was advanced by producers owing to the strength of copra. Tallow was stronger, sales being reported at an advance, with offerings light on the rise. Greases were firmer in company with tallow. Cash lard was irregular with futures. Receipts of live hogs in Western markets showed an increase. Lard, neatsfoot and oleo oils were available at lower prices. Menhaden and sardine oils were advanced by refiners. Crude fish oils were nominal in the absence of any increase in offerings. Fatty acids were more active and prices were generally firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ¼c. per lb.
Chinawood oil, ½c. per lb.
Coconut oil, crude, ⅛c. per lb.
Copra, ⅛c. per lb.
Corn oil, crude, ⅛c. per lb.
Cottonseed oil fatty acid, ⅛c. per lb.
Grease, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs.
Linseed meal, $1 per ton.
Linseed oil, 1-10c. per lb.
Linseed pitch, ¼c. per lb.
Menhaden oil, refined, 4-10c. per lb.
Oiticica oil, ¼c. per lb.
Olive oil foots, ½c. per lb.
Sardine oil, crude, 3c. per gal.
Sardine oil, refined, 4-10c. per lb.
Tallow, ¼c. per lb.

Reduced

Beeswax, crude, Brazilian, ½c. per lb.
Chilean, ½c. per lb.
Carnauba wax, No. 3 North Country, ½c. per lb.
No. 1 yellow, 3c. per lb.
No. 2 yellow, 2½c. per lb.
Lard oil, ¼c. to ¾c. per lb.
Neatsfoot oil, ¼c. to ½c. per lb.
Oleo oil, 1c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
120.2	**118.8**	**118.8**	**159.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market was firmer, 6⅞c. per pound being an inside figure for tankcars. This compared with 6¾c. in the previous week. There was a better inquiry, but the shortage of supplies of kernels continued to keep the actual volume of business closed within unimportant limits.

Chinawood.—Local and Pacific Coast markets were about ½c. per pound higher, with the tone firm. There were reports current of offerings from Hongkong for April shipment at around 14c., but no transactions in futures were reported, as assurances were lacking that the oil would be shipped. There was a fair inquiry for spot oil, and some business was reported to have been closed at 15½c. per pound in tankcars, and at 15¾c. to 16c. per pound in drums. According to official statistics, importations during 11 months ended with November last were 169,708,751 pounds, against 126,646,690 pounds in the same time in the previous year.

Coconut.—Crude was firmer here and on the Pacific Coast, quotations being ⅛c. per pound higher. The stronger tone was due to the firmness of copra and a somewhat better inquiry for oil, buying interest being stimulated by recent developments in other oils and fats. Advices from the Coast reported sales of crude oil for shipment to Atlantic Coast points. Refined oil was in fair demand here and steady.

Corn.—The market had a firmer tone in company with other similar products. Prices did not change materially, but in some quarters the views of sellers were ⅛c. per pound higher. Offerings were reported as light. Refined oil was in fair demand and steady.

Cottonseed.—Edible oil lacked quotable change, but the tone of the market appeared to be somewhat firmer. There was a fair inquiry, though consumers were not inclined to anticipate.

Oiticica.—Spot quotations were ⅛c. higher, the firmer tone being a reflection of the stronger position of other oils and to a better inquiry. Supplies on spot and for shipment appeared to be light.

Olive.—An increase in the inquiry for foots imparted a firmer tone to the market, spot prices being ⅛c. higher. Denatured oil was in fair request and steady.

Palm.—Inquiries were received more numerously, the upward trend of other commodities stimulating buying interest to some extent, but actual transactions apparently did not involve important quantities. Offerings for arrival were light, with shippers apparently firm in their views.

Perilla.—Demand was rather quiet, but supplies in some quarters have diminished, and with replacement costs high the market here remained firm.

Rapeseed.—A firm tone continued to prevail, lack of demand of consequence being offset by smallness of supplies on spot and for shipment from abroad, where prices remained unusually high.

Soybean.—Crude was firm, 6c. per pound being quoted for tankcars at mills and at 6½c. on spot. There was a somewhat better inquiry. Importations of foreign oil during 11 months ended with November were 29,704,802 pounds, against 7,153,082 pounds in the same time in the previous year.

Markets at Other Centers

San Francisco, Jan. 12.—Some headway was being made in this market last week, although sales in total volume of vegetable oils did not aggregate a very large quantity. Conditions remained firm. There was a good call for deliveries against previous contracts, indicating a need for materials.

Ruling prices are:—

COCONUT.—Steady. Crude oil quoted at 3¾c. to 3⅞c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery during the early part of this year. Sales have been effected for Atlantic delivery and the market has been fairly active. Receipts of copra in the local mills have been good.

COPRA.—Quiet during the past week and the market remained steady, showing up in less spotty fashion than during the previous period. There has been a very good movement to the Pacific Coast this season. New business last week amounted to the booking of several parcels for nearby shipment on the basis of 2.30c. to 2.35c. per pound, c.i.f. Pacific Coast ports. Offerings are current here now on the basis of 2.40c., but these can be shaded, at least momentarily. The market looks very steady. Some predict further strengthening.

BABASSU.—Quoted on the basis of 6¾c. per pound in tankcars, f.o.b. mill, Pacific Coast for January/March shipment. Buyers are in the market at 6½c., but sellers are not considering this price at the moment.

PERILLA.—Crude oil is quoted at 10⅝c. per pound, f.o.b. Pacific Coast for both spot and deferred shipment.

RAPESEED.—Refined oil is quoted at 11c. per pound, duty paid, tankcars, f.o.b. Pacific Coast ports, nominally.

TEASEED.—Quoted on the basis of 8½c. per pound in tankcars, nominally, f.o.b. Pacific Coast ports, January/March shipment from the Orient.

Chicago, Jan. 14.—The general tone of vegetable oil markets here is decidedly

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
L. N. JACKSON & CO., Inc.
29 Broadway New York, N.Y.

Highest Quality
Saponified
RED OIL
Highest quality oil made for lubricating wool and for Textile Soaps.
STEARIC ACID
Single, Double and Triple Pressed—Cakes, Powdered and Flakes
Established 1840
EMERY INDUSTRIES, Inc.
Formerly THE EMERY CANDLE CO.
CINCINNATI, OHIO
New York Office, 2116 Woolworth Bldg.
Telephone Cortlandt 7-1742-9377

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND
RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *{distilled}*
STAR BRAND *{saponified}*
CANARY BRAND
{very pale yellow, especially suitable for best types of dry cleaners' soaps.}
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yopps, Robinsons, Bentleys, A. B. C. 5th Edition

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
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• SPECIALTY FATTY ACIDS
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Sales Offices - - New York City and Chicago
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DEPENDABLE FATTY ACIDS
Woburn Fatty Acids are the logical result of high-grade raw materials, modern equipment, strict factory control and constant research.
DISTOLINE (vegetable oleic acid) LINSEED OIL FATTY ACIDS
OLIVINE (olive oil replacement) PALM OIL FATTY ACIDS
COTTONSEED OIL FATTY ACIDS SOYBEAN OIL FATTY ACIDS
COCOANUT OIL FATTY ACIDS CASTOR OIL FATTY ACIDS
"The Most Suitable Acid for Any Purpose"
WOBURN DEGREASING COMPANY OF N. J.
Chemical Division
HARRISON, NEW JERSEY

firmer, with a fair amount of business being done on a slightly higher price structure on the average.

COCONUT.—Crude oil, 3¾c. to 4c. per pound, nominal, Coast basis. Refined, edible oil, 9½c. to 10c. per pound, car lots; and 10c. to 10¼c., barrels, less than car lots.

CORN.—Crude, low acid, 6⅝c. to 6⅞c. per pound, partly nominal. Refined, edible oil, 9¼c. to 9¾c. per pound, car lots; and 9¾c. to 10¼c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15½c. to 16c. per pound.

SOYBEAN.—Crude, mills, 5¾c. to 6c. per pound.

PEANUT.—Crude, 6½c. to 6¾c. per pound, Southeast.

Chicago, Jan. 14.—Range of soybeans for the week ended Jan. 12:—No. 2, yellow, spot, 96c. to 98c.

Linseed Oil

Changes in flaxseed quotations were generally moderate. Linseed oil and meal firmer. Cake unchanged.

Flaxseed—DULUTH, Jan. 14.—The flax market shows no signs of activity yet. In fact the local demand for seed is nil. It is expected that interest will expand soon, however, and trading start. Although it is midwinter, opening of navigation is only a comparatively short time off.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	...	$2.02½	$2.02¾
Monday	$2.18¾	2.03½	2.03½
Tuesday	2.19½	2.03	2.03
Wednesday	2.20	2.04	2.04
Thursday	2.19½	2.04½	2.04
Friday	...	2.06½	2.03½

Crop movement in bushels as follows:—

	Receipts— 1938.	1937.	Shipments— 1938.	1937.
This week..	29	48	....	....
Since Aug. 1....	689,944	1,023,313	1,110,638	670,451

MINNEAPOLIS, Jan. 14.—Flaxseed receipts are picking up moderately because of strength displayed by the market but there is a very good demand for the day to day offers and prices rule firm to strong compared with futures. Crushers are taking virtually all of the arrivals. Now and then a cash house buyer comes in and competes for choice quality to be used for mixing. In the main two crushers are the real buyers and one is aggressive at intervals.

Movement is from a wide area and quality is none too good on the average. Currently the big movement is from Minnesota territory.

Todays reports indicated a blizzard sweeping down from the North and a liberal supply of snow in sight for the dry prairies of the Dakotas. This is the first signs of relief from a very bad drought and is encouraging to the linseed trade in connection with its plan to stimulate flaxseed production in the Northwest. There was considerable pessimism over the outlook on account of the lack of subsoil moisture.

Farm deliveries of seed are moderate and snow will probably block up side roads for a time and interfere with movement of fresh supplies. Crushers are operating a few more presses this week and are therefore using more seed in the face of very light receipts.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	...	$2.06½	$2.03¼
Monday	$2.20½	2.07	2.03
Tuesday	...	2.07	2.03½
Wednesday	2.21	2.08	2.02
Thursday	2.20½	2.07½	2.04
Friday	2.19¾	2.06¾	2.03½

Crop movement in bushels as follows:—

	Receipts— 1938.	1937.	Shipments— 1938.	1937.
This week..	58,650	100,960	8,500	6,360
Since Sept. 1...	3,093,490	1,851,360	581,870	373,810

WINNIPEG, Jan. 14.—Trading in flaxseed futures was quiet. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.75¾	$1.77⅞	...
Monday	1.77⅞	1.79¾	$1.78¾
Tuesday	1.78¼	1.80¼	1.79½
Wednesday	1.77½	1.79½	1.79
Thursday	1.79¾	1.81¾	1.79½
Friday	1.77½	1.79½	1.79½

BUENOS AIRES, Jan. 14.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.36⅞	$1.20⅛
Monday	1.36⅞	1.20⅛
Tuesday	1.40⅝	1.21
Wednesday	1.37	1.20⅝
Thursday	1.38	1.20⅛
Friday	1.38½	1.19⅝

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States.....	783,000	339,000	1,346,000
United Kingdom..	114,000	39,000	.....
Continent	776,000	575,000	520,000
Orders	445,000	783,000	579,000
Others	.....	.....	.....
Totals	2,118,000	1,736,000	2,445,000

Since January 1

To—	Bushels— This year.	Last year.
United States.....	1,122,000	1,787,000
United Kingdom.....	153,000	35,000
Continent	1,351,000	823,000
Orders	1,228,000	1,441,000
Others	.....	47,000
Totals	3,854,000	4,133,000

Visible Supply

	Bushels.
Last week.....	5,512,000
Previous week.....	4,724,000
Last year.....	5,118,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom..	8,000	.....	80,000
Continent	.....	.....	.....
Others	4,000	20,000	.....
Totals	12,000	20,000	80,000

Since April 1—	Bushels— This year	Last year.
United Kingdom.....	6,527,000	8,372,000
Continent	268,000	884,000
Others	1,100,000	640,000
Totals	7,895,000	9,896,000

HULL, Jan. 14.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£12⅞	£15⅝
Monday	12¾	15¼
Tuesday	13	15¼
Wednesday	12⅞	15¼
Thursday	12⅞	15¼
Friday	12⅞	15¼

Linseed Oil. — The market had a steadier tone, quotations being advanced one point by some sellers. The trend of flaxseed prices was upward at times and an increase was noted in the inquiry for oil, buying interest apparently being stimulated by recent bullish crop reports and by increased activity at rising prices in the markets for various other oils and fats.

Withdrawals of linseed oil on contracts showed an increase and advices from some outside points also reported an increased movement on new orders and old contracts. An increase was reported in production in outside centers though the expansion in operations was apparently not very marked.

Demand for cash seed continued good and although receipts showed some increase offerings were readily absorbed by crushers and cash interests. The increase in marketing was regarded as due to more attractive prices prevailing for seed and was expected by some to prove only temporary as unsold supplies in the hands of growers are believed to be very small.

The strength of the Argentina flaxseed market recently was attributed mainly to buying by European interests. This country is said to have purchased very little seed in Argentina in recent weeks. Shipments from that country to all destinations last week were 2,118,000 bushels of which 783,000 were consigned to the United States.

Receipts of flaxseed at New York last week were 216,313 bushels.

There was no trading in linseed oil futures on the New York Produce Exchange from January 8 to January 14, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	...	...	8.80@9.30
May	...	...	8.95@9.30

MINNEAPOLIS, Jan. 14.—Although crushers experienced a little better business through the past few days, nothing big developed from the situation. Strong Argentine prices stimulated inquiry and the advance in local prices brought some of the buyers in for nearby supplies. Warehouse trade picked up and there was more business in cooperage and tankcar lots. Round lot business was very light.

Shipping instructions on maturing contracts are not really good but they show some improvement over last week and crushers are operating about thirty percent of capacity where they were operating only twenty percent. Stocks on hand are quite liberal and are holding even.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 10.6c. per pound, warehouse lots 11c. per pound tankcar lots 10c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week.....	895,446	1,243,700
Since Sept. 1.....	21,676,477	21,261,460

SAN FRANCISCO, Jan. 12.—This market picked up in interest last week and sales of linseed oil once more became active, some of the larger buyers here taking on supplies on contract for spread delivery between January-April. Small lot business was good too, and there was a brisk call for oil to be delivered against old contracts. In fact the market was very busy and was rising. Business was done in tanks at 9.6c. with the lowest possible price now 9.8c. Sellers are posting the following prices:—Tankcars, 9.9c. per pound; drum car lots ex-mill, 10.5c.; drum lots ex-warehouse, 10.9c.

CHICAGO, Jan. 14.—Linseed oil markets are holding steady. Tone is reported comparatively good. Buyers are taking out the oil in slightly better fashion than was the case before the turn of the year. The tendency is still to purchase for nearby requirements only, however. Most buyers thus want prompt shipment of their orders. Ruling prices are:—Tankcar, 10c. per pound; car lots, 10.6c.; less than car lots, 11c.

LONDON, Jan. 14.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	28	4½
Monday	28	4½
Tuesday	28	6
Wednesday	28	1½
Thursday	28	1½
Friday	28	1½

Cake and Meal.—The market had a firmer tone. Cake prices lacked quotable change but meal was advanced $1 per ton. The export inquiry for cake showed a further increase. Domestic trade in meal was on a fair scale.

MINNEAPOLIS, Jan. 14.—There is little change in the meal situation as compared with a week ago. There is a dearth of supplies for immediate selling and all of the crushers are behind their shipping instructions. There is little meal available at interior points and brokers seem to own most of the supply now coming from presses. An occasional car lot is offered for quick shipment when a good bid is received. However, the re-sellers are asking full market prices for all they have to sell.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $41.50 to $42 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week.....	3,234,760	1,416,081
Since Sept. 1.....	84,822,110	40,251,119

CHICAGO, Jan. 14.—Feeders have been compelled to stay in the market for linseed meal more or less regularly, and with the good volume of buying thus provided, tone of the market has held strong. Ruling prices are:—Round lots, $39 per ton, largely nominal; car lots, $39 to $40; less than car lots, $41 to $42.

Cottonseed Oil

The market for refined oil futures was fairly active. Changes in prices were moderate. Southern markets for cottonseed products were generally firm.

Cottonseed Oil.—The chief event of the week in the market for cottonseed products was the publication of the monthly report from the Census Bureau. The report appeared on Wednesday and in some respects it proved to be disappointing to believers in higher prices for cottonseed oil. It showed that the consumption during December was 358,328 barrels, or about 77,000 barrels less than in the previous month. The publication of the figures was followed by liquidation and more or less selling on the short side for local and other traders under which prices for the most active months dropped about 10 points below the closing quotations of the previous day. Early in the week the trend of the market was upward, prices rising about 15 to 20 points on local and trade buying based on firmness in the markets for securities and cotton as well as in crude cottonseed oil and other fats and greases.

Later on, however, as already intimated, bullish developments were overshadowed by the Census Bureau figures. Moreover lard weakened and hedge selling showed an increase. To some the technical position of the market appeared to have weakened by the elimination of part of the short interest through the undoing of straddles between cottonseed oil and lint cotton.

The December consumption figures, 358,328 barrels, compared with 351,616 barrels in the same month last year and 202,407 barrels two years ago. During the period from August 1 to December 31 the consumption was 1,989,627 barrels compared with 1,373,530 barrels in the same time last season. The visible supply showed an increase during December of 166,800 barrels against an increase of 18,500 barrels in the same month last year. Receipts of seed at the mills during the first five months of the season were 5,237,071 tons against 4,035,041 tons in the same time last season; crushed 3,609,513 tons against 2,791,835 tons. Production of crude oil from August 1 to December 31 was 1,091,826,774 pounds against 830,666,350 pounds in the same time last season; refined oil 802,480,209 pounds against 660,901,493 pounds. Stocks of seed at the mills at the close of December were 1,669,633 tons against 1,263,131 tons last year; crude oil 200,643,985 pounds against 143,242,768 pounds; refined oil 447,576,407 pounds against 430,403,024 pounds.

Receipts of hogs at some points were larger and at times the trend of hog prices was downward although changes were not important. Arrivals of hogs in the principal markets for three days of the week aggregated 363,100 head against 335,900 head in the same time last year. The weight of the hogs received in Chicago during the week ended January 8 averaged 241 pounds against 237 in the previous week and 232 pounds in the same week last year. Exports of lard from Atlantic and Gulf ports from November 1 to January 8 were 41,092,055 pounds, an increase of 14,224,469 pounds over the same time last season.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from January 8 to January 14, inclusive, comprised 876 contracts, a total of 52,560,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.63	7.31	7.45@7.60
March	7.56	7.38	7.46 sale
May	7.58	7.41	7.50 sale
July	7.60	7.44	7.55 sale

Crude, Southeast, .06¼c.

Chicago, Jan. 14.—The dealings in cottonseed oil have been of fair extent recently. Tone has seemed to improve in a quiet and rather general fashion. Good, off-Summer, yellow fig oil is quoted at 7⅝c. per pound. Refined, edible oil is 9c. to 9¼c. per pound.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHLOROPHYLL
BETA CAROTENE XANTHOPHYLL
ALL GRADES AVAILABLE
AMERICAN CHLOROPHYLL, Inc., 570 Lexington Ave., New York - Alexandria, Va.

DEGRAS
COMMON • NEUTRAL
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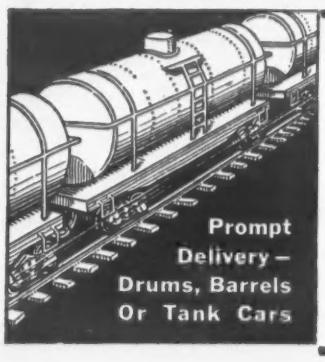
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TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG. CO.
Bridesburg P. O. Philadelphia, Pa.

barrels, car lots; and 9¼c. to 9¾c., barrels, less than car lots.

Hull, Jan. 14.—Quotations on cottonseed oil were:—

	Refined. Per cwt.		Egyptian crude. Per cwt.	
	s.	d.	s.	d.
Saturday	23	6	20	6
Monday	23	6	20	6
Tuesday	23	6	20	6
Wednesday	23	6	20	6
Thursday	23	6	20	6
Friday	23	6	20	6

Cake and Meal. — A firm tone was reported in Southern spot markets. The movement was on a fair scale, the export inquiry being reported as somewhat more active. According to official statistics, production during the first five months of the season was 1,603,856 tons against 1,248,654 tons in the same time last year. Stocks at the mills at the close of December were 192,978 tons against 216,645 tons last year.

Markets at Other Centers

Atlanta, Jan. 12.—Cottonseed meal advanced 50c. a ton this week and is now quoted at $23.50 per ton at interior mill points in the Southeast. Other items are steady.

Reports from the lower portion of the cotton belt state that weather conditions have been favorable and that rapid progress in preparing the land has been made while the upper cotton belt is behind, due to unfavorable conditions of the soil.

Quotations of this market are as follows:—

OIL.—Prime crude 6¼c. per pound.
MEAL.—$23.50 per ton, interior mills.
HULLS.—Loose, $7.50 per ton.

Memphis, Jan. 14.—Crude cottonseed oil steady. Several large buyers bid 6c., but sellers holding for 6⅛c., only a comparatively few tanks being available at that figure. Meal made a new high for the season in the pit today, January selling at $24. Slab cake quoted at $21 per ton for January shipment. Weather fair but seed moving slowly.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	January 6.	January 13.
January	$22.65@—	$24.05@24.50
March	22.00@—	22.75@—
May	21.60@21.65	22.60@22.75
July	21.55@21.80	22.65@23.00

Animal Oils

Lard.—Quotations were reduced ¼c. to ½c. per pound by refiners, the downward revision being traceable to the recent decline in basic material. There was a fair demand for moderate quantities, and the tone of the market late in the week appeared to be steady.

Neatsfoot.—Selling schedules were revised downward ¼c. to ½c. per pound by producers, the easier situation being attributed to the quietness of trade in recent weeks and to competition among sellers. Purchasing was apparently limited to unimportant quantities.

Oleo.—The market remained in an easy position, quotations being lowered 1c. per pound. Demand in recent weeks has been quiet, and supplies in some quarters have increased.

Tallow.—Quotations were maintained at former levels by producers, the tone of the market being steady. Business was quiet.

Chicago, Jan. 14.—While some slight readjustments have continued to be made in certain animal oil prices, the market generally is steady. Some fair sales have been reported recently.

LARD.—No. 1, 8¾c. to 9c. per pound.
OLEO.—No. 2, 10c. to 10½c. per pound.
TALLOW.—Acidless, 8c. to 8¼c. per pound, tanks; 9¼c. to 9½c., drums.

Fish Oils

Menhaden.—Selling schedules were advanced four points by refiners and the tone of the market appeared to be firm at the higher level. Trade showed improvement. Consumers were not inclined to abandon a conservative course in making purchases, but in some quarters a noteworthy increase was reported in the volume of orders received for small or moderate quantities. Crude was nominal, supplies having been closely cleaned up.

Sardine.—Refined oil was firmer owing to recent strengthening developments in crude on the Coast where prices moved up to a new high point for the season as a result of disappointing fishing returns. Sales were reported at a further advance to 41c. per gallon. Local prices were advanced 4-10c. per pound by refiners. There was a fairly active demand for moderate lots for prompt shipment.

Sperm.—Demand from local and other consumers was somewhat more active and the market had a firmer tone although prices lacked quotable change.

Markets at Other Centers

San Francisco, Jan. 12.—Fish oils have enhanced in value and the market is rising, keeping company with a good demand and a poor production picture. Last week the market for crude California sardine oil rose from an early period level of 38c. per gallon in tankcars to a point a day or so ago where spot oil was moving in the market here at 41c. Demand continues and sellers are firm in their ideas. Buyers however, are indisposed towards going above the 41c. figure for the present, even though they are aware that stocks have reached a very low ebb. Production was poor here a good part of December and so far this month the catches of fish have been nothing to talk about. There have been practically no fish reported in during the past three or four days in northern California and with a full moon approaching on the 16th of this month there is little likelihood that production will pick up.

Southern California, has been doing a little better. While figures for the month of December have as yet not been compiled by the California Fish and Game Commission, nevertheless, it is pointed out by that body that the present season will show better for southern California than the last one. However, this is accounted for by the fact that during November of 1936 a strike prevented the working of the southern California plants and naturally 1937 will show better.

Oil yield has been especially light everywhere this season. Lately the northern California plants have been reporting only from 33 to 34 gallons of oil to the ton of sardines, while during previous seasons it was not unusual to find fish which yielded as high as 45 to 48 gallons. Not only has there been a light catch in tonnage, but the yield has been smaller as well this past season.

It was fairly definitely seen here today that the floating reduction plants, tied up in San Francisco Bay since December 10, would not venture outside again this season. Meantime, it was confirmed by the Fish and Game Commission that some of the shore plants have already closed down.

Baltimore, Jan. 13.—Business in menhaden fish oil is at the vanishing point, with no trading done in this market, and with quotations lacking. Sellers have no oil to dispose of except perhaps two or three tanks reserved for special purposes, and they mention no figures, while the buyers might take up a little oil, but entertain ideas of prices which the holder, if one were found, would not entertain. The last information current here in connection with transactions related to several tanks of Florida oil disposed of on the basis of 34c. a gallon. At that level it was figured to be perhaps 6c. above the market for tallow, so that there is little or no incentive to hold out for the other product.

Fats and Greases

Grease.—Quotations were advanced ¼c. to ⅜c. per pound, the firmer situation being a reflection of strengthening developments in other products. There was a somewhat better inquiry for moderate quantities. Stocks on spot were reported as light.

Lard.—Cash prices showed irregularity in company with futures, the trend being upward early in the period, with a reactionary tendency later on. The export movement showed some increase, and there was a fair demand from domestic buyers. Marketing of hogs showed some increase.

Stearin.—The market was steady at recently prevailing prices. The inquiry was somewhat better. Offerings continued light.

Tallow. — Consumers manifested a greater interest in the market as a result of the upward trend recently of other fats and greases. Sales were reported at from 6⅛c. to 6⅜c. per pound for extra, the total transactions for the week being estimated by some at 3,000,000 pounds. On the rise offerings were light and the tone of the market remained firm.

Trading in tallow futures on the New York Produce Exchange from January 8 to January 14, inclusive, comprised 2 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	6.75	6.45	6.77@6.79
May	...	...	6.75@7.00

Markets at Other Centers

Chicago, Jan. 14.—Improvement in the cash lard market has been noted in the way of tone and with buyers a little more ready to do business, but with conservative attitudes still predominating generally. Prices have shown some betterment. Shipping trade is fair.

The range of lard quotations from the opening Saturday, January 8, to the close Friday, January 14, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.70	$8.90	$8.45	$8.47	$8.50
March	8.92	9.20	8.92	8.92	8.45
May	9.15	9.37	9.09	9.12	9.10

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

TALLOWS (tierces).—Edible, 6½c. to 6¾c. per pound; prime, 6¼c. to 6½c.; fancy, 6c. to 6¼c.; special, 5⅜c. to 5½c.; No. 1, 5¼c. to 5½c.

GREASES (tierces).—Choice white, 6c. to 6¼c. per pound; A white, 5½c. to 5⅝c.; B white, 5c. to 5¼c.; yellow, 10-16, 4½c. to 4¾c.; yellow, 16-20, 4¼c. to 4½c.; brown, 4c. to 4¼c.

STEARINS (barrels).—Prime oleo, 6¾c. to 7c. per pound; lard, packages, 9⅛c. to 9⅜c.; A white grease, 5¾c. to 6c.; yellow grease, 4⅝c. to 4¾c.; extra oleo stocks, 10¼c. to 10½c.; No. 2 stocks, 9¼c. to 10c.

Liverpool, Jan. 14.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Jan. s.	d.	March. s.	d.	May. s.	d.
Saturday	50	9	44	9	45	0	45	6
Monday	50	9	45	3	46	0	46	0
Tuesday	51	0	45	6	45	9	46	0
Wednesday	50	6	44	9	45	0	45	3
Thursday	50	6	44	9	45	3	45	3
Friday	50	6	45	0	45	6	45	6

Liverpool, Jan. 14.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d
Saturday	22	6	21	3
Monday	22	6	21	3
Tuesday	22	6	21	3
Wednesday	22	6	21	3
Thursday	22	6	21	3
Friday	22	6	21	3

Fatty Acids

Castor Oil.—Consumption of this fatty acid in the production of synthetic resins has latterly shown an increase and a somewhat better inquiry was noted last week from makers of cosmetics. Quotations ranged from 17½c. to 18c. per pound in drums, according to quantity, the inside figure being for car lots.

Coconut Oil.—Soap makers were in the market for moderate quantities of distilled acid last week, the movement to consumers in this field showing some increase as compared with recent preceding weeks. With basic material firmer, acid prices were well maintained at 10¼c. to 10¾c. per pound in drums, according to size of order.

Cottonseed Oil.—Acid quotations were advanced ¼c. to ½c. per pound in some quarters, the strength of the market being a reflection of the recent trend of basic material. Production was increased to meet an expanding demand from makers of soap and soap bases.

Myristic Acid.—Supplies are light, consumption in the soap industry for some time past having been sufficient to absorb the bulk of production. Sellers quoted from 15½c. to 17½c. per pound, according to quantity and description, and the tone of the market appeared to be very firm.

Palm Oil.—Quotations were stationary but the tone of the market appeared to be firmer owing to the stronger position of basic material. Demand from makers of soaps and various compounds used in the textile industry was fairly active.

Red Oil.—The situation was featured by a marked increase in the inquiry from makers of textile soaps. The increase in demand and the strength of basic material gave the market a firmer appearance but no changes were made in selling schedules by producers.

Soybean Oil.—There was a fair movement into consuming channels on contracts and transient orders and the market retained a steady tone, quotations ranging from 9c. to 9½c. per pound in drums, according to quantity, the inside figure being for car lots.

Stearic Acid.—The market occupied a very firm position as a result of the recent rather sharp advance in tallow, although previous selling schedules were adhered to by producers of acid. Business lacked snap but an increase was noted in the volume of inquiries from makers of cosmetics.

Markets at Other Centers

Chicago, Jan. 14.—A turn for the better has taken place in the tone of the market for fatty acids and allied materials. With an incentive furnished by the improvement in some of the raw materials, buyers are showing a little more interest, and sellers are holding for slightly higher prices in some cases.

FATTY ACIDS.—Corn oil, double distilled, 7½c. to 7¾c. per pound, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; coconut oil, acidulated, 8c. to 8¼c. per pound, mostly nominal; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2⅞c. to 3c.; boiled down cottonseed soap stock, 65 percent basis, 3⅞c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1⅜c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. per pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c.; saponified, ¼c. higher.

RED OILS.—Distilled or saponified, drums, 9½c. to 10½c. per pound; barrels, 9⅝c. to 10⅝c.

Waxes

Bees.—Although spot quotations on crude bleaching wax were down slightly, reports indicated that that item was actually improving in undertone and a check to the drop in prices appeared to be imminent. Brazilian and Chilean wax was priced at 26½c. to 27c. per pound in quantities of five to ten tons; ton lots, 27c. to 27½c.; 500-pound lots, 27½c. to 28c.; 100-pound lots, 28c. to 28½c. Quotations on refined and bleached wax were steady. Demand was moderate.

Candelilla.—The primary market was reported competitive whenever buyers here wanted to do business in goods for import on the spot. Not all importers agreed on this position of the primary market; some held that the situation was strengthening and higher prices might come. Also, some sellers on spot declared that others in this market were offering prompt deliveries at under replacement cost. In the meantime, only moderate trading was noted. In the meantime, some 500 bags of wax, originally on the steamship Cauto that went aground off the Mexican coast, arrived here on the Osage. A heavy general average must be adjudicated.

Carnauba.—All reports indicated that Brazil was a much firmer and oftentimes higher market than it had been recently. Most sellers considered the spot market undertone substantially strengthened by the situation in Brazil. That country cabled adverse reports on the crop and reported heavy rains having stopped production. Against this situation of strength was a reduction in spot quotations on No. 1 yellow to the minimum price of 40c. per pound, quoted in one responsible quarter and comparing with 43c. per pound asked in other directions. Also, No. 2 yellow was down to 39c. in one quarter, comparing with 41½c. asked by practically other suppliers. Finally, it was said that at no time in the recent past has it been possible to buy No. 1 and No. 2 yellow in Brazil at a price which would permit profitable sales at 40c. and 39c. per pound respectively. No. 3 North Country was a fraction lower, but No. 3 chalky was exceptionally firm and said by some to be very scare.

Japan.—A steady but not very active market prevailed last week. Prices held in the absence of unsettling competition and were backed by a fair sized stock of spot goods.

Sun Oil Buys Martin-Schwartz, Inc.

The Sun Oil Company, Philadelphia, has acquired Martin-Schwartz, Inc., which company is engaged chiefly in the manufacture and sale of gasoline pumps. The Sun company purchased the entire capital stock issue for approximately $43,437.

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Drugs, Fine Chemicals

Increase in Stocks, Plus Less Demand, Bring Lower Cadmium Prices—Isopropyl Alcohol Reduced Sharply—Ethylmethyl Ketone Reduced—Spot Menthol Shaded—Agar Steady

The improvement in sales reported during the previous week continued well maintained in the market for drugs and fine chemicals. The gain in interest on the part of buyers was accompanied by some increase in the general size of orders, too, and in that respect the situation was more favorable than that in the period immediately preceding.

The fact that the call for merchandise was also fairly broad, the market as a whole being considered, was reason for the leading manufacturers to look forward with more confidence to the future. Although individual quantities called for were still conservative in size, notwithstanding the increase just mentioned, there were more items called for and continuing improvement in that aspect of the market was expected.

Prices for practically all of the more important materials were on the firm side, if for no reason other than that production costs have put a floor under sales prices of manufacturers. Exceptions were noted last week in the cases of cadmium metal, ethylmethyl ketone, isopropyl alcohol, and menthol. These items sold at lower prices and were subject to considerable competition. Late in the week prices on hard mercurials broke sharply, and quicksilver was down moderately. Otherwise, the market undertones were firm and values were well supported in practically all directions.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Cadmium metal, 25c. per lb.
Calomel, 12c. per lb.
Corrosive sublimate, 10c. per lb.
Ethylmethyl ketone, ½c. per lb.
Isopropyl alcohol, 3½c. per gal.
Menthol, 5c. per lb.
Mercury oxide, yellow, tech., 10c. per lb.
U. S. P., 10c. per lb.
red, technical, 15c. per lb.
Red precipitate, 15c. per lb.
White precipitate, 20c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.4	181.9	181.2	181.3

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide.—Demand for this article as a raw material for the manufacture of sulfanilamide has been curtailed by the adverse publicity accruing to the latter by reason of Federal seizures of an elixir which caused numerous deaths. Reaction against sulfanilamide in general resulted and only time can overcome the unfortunate situation. In the meantime, there remains a potential expansion of demand for acetanilide.

Acid, Citric.—Business was quiet but up to the volume normal for the article. Prices were low and it was believed would continue to prevail when demand shall undergo the usual expansion that comes when Spring and Summer requirements are covered.

Acid, Tartaric.—Inactivity in industries prominent in the use of this article has kept sales volume below normal limits in some instances. The market, however, had a firmer undertone last week because of the absence of definite weakness in the position of raw materials. Importations of raw materials in November were:—

	Pounds	
	Argols and wine lees.	Calcium tartrate.
France	1,492,639	150,341
Greece	....	44,723
Italy	823,393	....
Portugal	164,179	....
Argentina	14,700	109,895
Chile	....	86,740
Algeria	205,243	54,736
Tunisia	....	44,092
Totals	2,700,154	490,527

Agar.—The improvement in business reported during the previous week continued. More inquiry and selling was noted and a generally steadier market resulted. Also the downward trend of prices was checked by the betterment in request.

Alcohol.—Considerable attention, or thought, was being given to the probable production of blackstrap molasses and the cost thereof this year. Production has started in Cuba and in other producing countries. However, news from Cuba revealed the existence of labor troubles that could well have an effect on the general situation unless adjusted satisfactorily. Also corn as a source of ethyl alcohol showed substantial strength last week, and said strength is likely to continue until another crop begins to affect values. Demand for all kinds of alcohol had a routine quality last week, but the market was declared to be generally steady. Isopropyl alcohol, however, was reduced sharply by 3½c. per gallon, making quotations as follows:—Refined, 91 percent, drums, car lots, 36c. per gallon; less than car lots, 41c.; tanks, 31c.; 98 percent, drums, car lots, 41c.; less than car lots, 46c.; tanks, 36c.; technical, 91 percent, drums, car lots, 33½c.; less than car lots, 38½c.; tanks, 28½c.; 98 percent, drums, car lots, 37½c.; less than car lots, 42½c.; tanks, 32½c.

Ammonia Benzoate.—A gain in consuming request was expected to develop soon. At the moment, trade remained quiet and routine, with prices showing substantial stability and freedom from unsettling influences.

Antipyrene.—Consumption thus far this Winter has been conservative. On the whole, the season has not been productive of its usual consumption requirements. Prices continued steady last week and undertones were generally firm.

Barbital.—A notably steady market prevailed. Although demand was not large, having been decreased by the favor given to allied materials, it was about level with normal expectancy, and hence the price position was very steady.

Bismuth Metal and Salts.—The lowness of prices continued unrelieved, and most sellers were distinctly unsatisfied with the situation. However, there was believed to be little chance of metal being reduced, and hence any relief from unprofitable sales must come through a general advance in prices on salts, a development highly uncertain considering the competitive character of the market.

Borax.—The reduction of business throughout the country has not passed by the users of this item. Hence, shipments have been not always satisfactory. The market as a whole appeared to be generally routine but the producers looked forward to a resumption of activity on a basis close to normal.

Cadmium Metal.—Lessened consumption has caused stocks of this metal to increase. Quotations have eased substantially from the previously very strong position. They were lower last week at $1.35 per pound.

Camphor.—Business has been none too brisk of late and while open quotations have lacked change, it has been indicated that the prices quoted were being shaded from time to time. Synthetic material has moved very well, however, this being the result of the dislike of many ultimate consumers for natural camphor, the product of Japan. This angle of the market, however, was restricted to the retail sale, principally of tablets.

Castor Oil.—Inactivity in the textile mills has curtailed consumption of this article substantially but the leading suppliers were hopeful last week that trade with the textile industry would show improvement. Prices lacked further change last week.

CHICAGO, Jan. 13.—Following reduction in castor oil prices, this market has been quiet, and in at least some quarters it seems to be assumed that the market is now in a stabilized position. Business is reported fair. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; less than car lots, 10⅞c.; drums, returnable, car lots, 9⅞c.; less than car lots, 10⅝c.;

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

PHARMACEUTICAL CHEMICALS

ALKALOIDS:

ARECOLINE
ATROPINE
EMETINE
EPHEDRINE
PILOCARPINE
SCOPOLAMINE
THEOPHYLLINE

SPECIALTIES:

CHOLESTEROL
CHOLIC ACIDS AND SALTS
ERGOSTEROL
GLUTAMIC ACID AND SALTS
LECITHIN
NUCLEINIC ACID
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Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzyl Chloride
Benzoate of Soda
Benzaldehyde
Benzoic Acid
Silver Proteins
Bromides
Glycerophosphates

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ALDAROME LAVENDER No. 25
ALDAROME BOUQUET No. 123 (Fruity Type)
ALDAROME BOUQUET No. 125 (Fruity Type)
ALDAROME BOUQUET No. 126 (Sweet, Vanillin Type)
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China Clay
Stearates
Magnesium — Zinc — Calcium — Alumimum
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Incorporated
CHEMICALS
134 NASSAU STREET NEW YORK

tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; less than car lots, 10⅜c.; drums, returnable, car lots, 9⅜c.; less than car lots, 10⅛c.; tanks, 8⅞c.

Ephedrine.—Open quotations lacked change. However, they were no longer firm, this for the reason that some users with an overstock of the item have been offering at attractive prices in the resale market. A return of normal values must await, however, a resumption of normal shipments of raw material from the source. According to the Department of Commerce and its estimates of raw material importations, arrivals ten months of last year totaled 738,250 pounds of ephedra herb, against 1,000,250 pounds for the whole of 1936, and 1,948,000 pounds in 1935. The government's preliminary figures on November imports show nothing arriving, but during that month at least 80 bales were landed at New York.

Glycerin.—The firmer position of crude, accompanied by a decrease in offerings of distressed material, continued and prices quoted by the suppliers of good quality merchandise were less inclined to accept bids. The fundamentals of the market have shown an increase in strength and hence it was no longer suggested that a further drop in prices on chemically pure and dynamite glycerin was pending. Much will depend on the future course of the cost of crude, together with the consuming market for refined material.

CHICAGO, Jan. 13.—A fair amount of business is rpeorted in c.p. and other grades of glycerin. Buyers generally kept their inventory position tight over year-end and now are forced to come in for a fair amount of material. Tone is steady. Ruling prices are:—C.p., drums, 15½c. per pound; less than car lots, 16c.; cans, less than car lots, 17½c. to 18½c., according to quantity; dynamite, 15½c.

Iodine and Iodides.—Producers of iodides in some instances felt that ultimately there may develop a decline in prices on crude material. To a considerable extent, such a development would depend on the price at which domestic crude iodine can be purchased and sold profitably. Since the Japanese-Chilean iodine rapprochement, the Far East has been less of a disturbing influence.

Methylethyl Ketone.—Quotations were ½c. per pound lower, making tanks 5½c. per pound; drums, car lots, 6½c.; less than car lots, 7c. This was a competitive development resulting from recent unsettlement in the prices of similar and competing materials.

Menthol.—While open quotations were not usually changed last week, it was learned that some business on the spot was done at $3.10 to $3.15 per pound, although upwards of $3.20 was occasionally asked. Competition on spot was fairly keen in the absence of substantial interest on the part of buyers. Domestic synthetic was available in fair quantities of strictly U.S.P. goods at favorable prices.

Mercurials.—Late last week, quotations on hard mercurials were reduced sharply in conformity with the increase in competition that has paralleled the sustained decline in raw material. New prices were as follows:—Calomel, $1.38 per pound; corrosive sublimate, crystals, $1.30; granular and powder, $1.05; mercury oxide, yellow, technical, $1.29; U.S.P., $1.81; red precipitate, $1.60; white precipitate, drums, $1.56; bottles, $1.69; mercury oxide, red, technical, $1.34.

Quicksilver.—Some improvement in the position of this article was reported last week. Not that better prices were obtainable; they were unchanged and generally attractive to potential buyers. But the interest in the form of inquiries was improved following a further decline to $80 to $81 per flask late in the week.

SAN FRANCISCO, Jan. 10.—Sellers here state the market is looking up a bit, if the amount of inquiry for quicksilver can be taken as a guage. Prices remain unchanged, however. It is expected that soon after the middle of this month buying will pick up. In any event, consumers have been evidencing more than a moderate interest in the situation, though they have not bought much yet.

Quinine.—Demand for the article in capsules has increased considerably. Such improvement has given sales volume sufficient stimulation to create a distinctly favorable position for the item as a whole. The producers looked forward to the future with considerable confidence.

Santonin.—Resumption of more liberal buying has yet to develop but on the whole an improvement in sales seemed in the cards for the Spring

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
350 Madison Avenue, New York, N. Y.

PRIVATE FORMULA WORK
FOOT POWDER
Skilled chemists and workmen —modern efficient machinery— a perfect set-up for packaging— the preparation of all display matter—and shipping. To handle any part or all of your production. Confidential relations absolutely guaranteed. Established right in the Metropolitan District for your convenience. Preliminary consultation involves no obligation.
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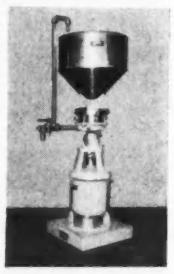
"IF IT'S A DRUG · WE HAVE IT"

LOWER PRODUCTION COSTS
with an
EPPENBACH COLLOID MILL

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Do You Can You } Use Cholesterine?
We offer the following grades:
Chemically Pure—fine white crys., m.p. 148°-149°.
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Extremely reasonable prices.
If you are a user of chemicals—you should have a copy of our new price list (just issued) quoting prices from 1 oz. to original packages of hundreds of chemicals. *Ask for your copy.*
R. F. REVSON CO. 91 Seventh Ave., New York
Cable Address: COSCHEMS

period and some look for a betterment in prices obtainable on the spot.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate.	New York.	London.
	Cents.	Cents.	Pence.
Saturday	32⅝	44¾	19 1/32
Monday	32⅝	44¾	19 7/32
Tuesday	32⅝	44¾	19 1/32
Wednesday	32⅝	44¾	19 1/32
Thursday	32⅝	44¾	19 7/32
Friday	32⅝	44¾	19 1/32

* Not reported; last price, 44c. on January 3.

Sulfanilamide.—Adverse publicity has curtailed the rise in sales volume for the time being but the leading suppliers expect the curve of business to resume its rise when hysteria shall have passed. In the meantime, steady prices were maintained.

Drug Ad Control By F.T.C. Voted

—Continued from page 3

come final. At present the only method of enforcing an order is for the commission to carry it to a circuit court and have it specifically upheld, after which a violation becomes contempt of court, punishable in the discretion of the court.

False Advertising Defined

The new sections regarding advertising added by the house make it unlawful to disseminate any false advertisement for food, drugs, devices, and cosmetics. The term, "false advertisement," is defined as:—

An advertisement, other than labeling, which is misleading in a material respect; and in determining whether any advertisement is misleading, there shall be taken into account (among other things) not only representations made or suggested by statement, word, design, device, sound, or any combination thereof, but also the extent to which the advertisement fails to reveal facts material in the light of such representations or material with respect to consequences which may result from the use of the commodity to which the advertisement relates; but if, at the time of the dissemination of the advertisement, there exists a substantial difference of opinion, among experts, qualified by scientific training and experience, as to the truth of a representation, the advertisement shall not be considered misleading on account of such representation, if it states clearly and prominently the fact of such difference of opinion. Nothing in this paragraph shall be construed as requiring the making of such statement as to difference of opinion; and failure to so state the fact of such difference of opinion shall not relieve the Government of the burden of establishing the misleading character of the representation. No advertisement of a drug shall be deemed to be false if it is disseminated only to members of the medical profession, contains no false representation of material fact, and includes, or is accompanied in each instance by truthful disclosure of, the formula showing quantitatively each ingredient of such drug.

In general the enforcement of this part of the act will be by the usual F.T.C. procedure ending in a stipulation or a cease and desist order, but there are two exceptions. Whenever the commission has reason to believe that any person is engaged in or is about to engage in the dissemination of any false advertising, and that it would be in the interest of the public, the commission may bring suit in a Federal court to enjoin the dissemination of such advertising pending the issuance and final adjudication of a formal complaint. There is also a provision for criminal penalties to be applied by the Federal courts on prosecution by the Department of Justice when a case is certified to it by the commission. This applies to a violation of the advertising provisions "if the use of the commodity advertised may be injurious to health because of results from such use, or if such violation is with intent to defraud or mislead." The penalty in such case is a fine of not more than $5,000 or imprisonment for not more than six months, or both, and penalties for second offenses may be doubled.

Equal Penalties Refused

Debate on the bill in the house was confined almost entirely to the food and drug sections. Representative Carl Mapes of Michigan offered an amendment to strike out this part of the bill, explaining that the entire subject matter should be incorporated in the bill to revise the food and drugs act so that the Food and Drug Administration would have jurisdiction over such advertising. Representative Edward A. Kenney of New Jersey offered an amendment to make civil penalties mandatory for every violation of the advertising provisions, on the ground that the bill as reported lacks teeth. Opposition to this amendment was based chiefly on the ground that it would destroy the present method of enforcement used by the Federal Trade Commission and require all cases to be carried to court.

A number of other amendments were offered to make relatively minor changes in the bill, but after brief debate each was either withdrawn or rejected without a formal vote. Defense of the bill was conducted chiefly by Rrepresentative Clarence F. Lea of California, chairman of the committee; others taking prominent part in the debate included Representatives Kenney, Mapes, Carroll B. Reece, of Tennessee, Virgil Chapman, of Kentucky, and William I. Sirovich, of New York.

Following the passage of the Wheeler-Lea bill, Chairman Lea declared that his committee will take final action in the near future on the Copeland bill (S.5), which passed the senate last Spring and which has been revised by a house subcommittee, chiefly by eliminating the advertising provisions. At present the committee is conducting hearings on a bill to limit the length of trains, which will consume perhaps two weeks. Some members of the committee, however, will attempt to prevent a report on the Copeland bill until final disposition of the Wheeler-Lea bill. Members of the committee who favored control of advertising by the Food and Drug Administration indicated that, if the senate accepts the Wheeler-Lea bill as passed by the house, they will make no further attempt to restore the advertising provisions to the Copeland bill.

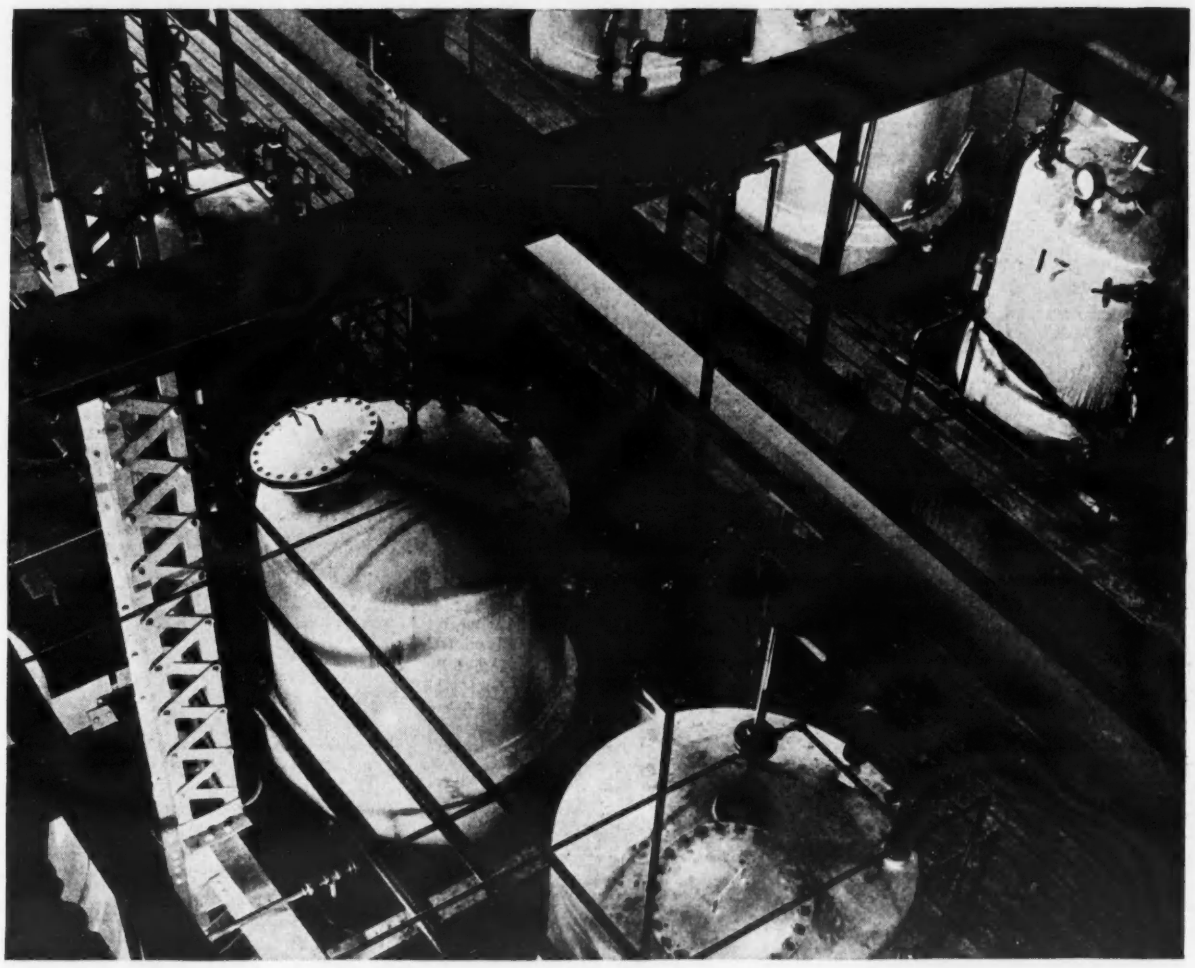
Defense of Discrimination

Replying to the suggestion that the bill singles out foods, drugs and cosmetics for specific treatment more severe than that accorded other types of advertising, Congressman Lea stated that there was a general public demand for drastic regulation of this type of advertising; whereas there was no such demand regarding the advertising of other products. He also pointed out that advertising of these products frequently involves the realm of opinion much more than other types of advertising, a fact which justifies special treatment. Finally, he said, these products directly affect the public health and may be injurious to purchasers who rely on false or misleading advertising.

Commissioner Ewin L. Davis, who has particular direction of the Federal Trade Commission's board of advertising review, declared today that the commission has long sought the general provisions of the Wheeler-Lea bill in order to improve its control over advertising of all kinds as well as other unfair trade practices, and that the commission did not seek the special penalties provided for foods, drugs and cosmetics, although not objecting to the judgment of the house committee which placed them in the bill. Commissioner Davis asserted that the only discrimination against foods, drugs and cosmetics is in the matter of penalties for violation. He said commission attorneys ascribe the same meanings to the terms, "unfair or deceptive," used in the general part of the bill and "false" and "misleading" used in the food, drug and cosmetic sections.

THE CAREFUL BUYER ASKS:

"How Clean is Clean?"



And His Chemist Reports:

"In my inspection of the Rossville Alcohol process I found absolutely sterile conditions.

"The mash, prepared from selected raw materials, is fermented by a yeast culture whose purity is rigorously guarded and whose every stage of growth is supervised by experienced bacteriologists . . .

"Sterility is maintained throughout the fermentation process. Instead of the usual open tubs, entirely closed fermenters are employed. And, after each fermentation, every inch of equipment is thoroughly sterilized with live steam."

• • •

Absolute cleanliness constantly safeguards the uniformity of Rossville Alcohols.

Rossville Alcohols have been used in products of quality since 1847.

ROSSVILLE ALCOHOLS FOR EVERY INDUSTRIAL NEED
Completely Denatured Alcohols
Specially Denatured Alcohols
All Authorized Formulas
Shellacol — The Handy Solvent
Rossville Algrain Alcohol
Rossville Gold Shield Alcohol
Rossville Hexagon Cologne Spirits

Please write on your letterhead for: The 66-page, spiral-bound Alcohol Handbook. The Monthly Series of "Alcohol Talks".

ROSSVILLE THE SPIRIT OF THE NATION ALCOHOL

COMMERCIAL SOLVENTS CORPORATION
NEW YORK CENTRAL BUILDING, NEW YORK, N. Y.
PROMPT SHIPMENT FROM BRANCH OFFICES AND WAREHOUSES

"Some of the Thousand Botanicals on display at S. B. Penick & Company's New York offices."

The HOUSE of a THOUSAND BOTANICALS

SOME one thousand botanicals are available in the stocks of S. B. Penick & Company. Which means in most cases that if we haven't a botanical, it isn't available. But in practically every case, we have it—ready for instant delivery. Many a frantic manufacturer has called on us for an unusual or rare botanical drug—and breathed a sigh of relief at our assurance of immediate shipment.

Whatever it is you need in botanicals, turn first to Penick—for complete filling of your needs—accurately and quickly. The quality and prices are entirely satisfactory.

From one reliable source—Penick—you can purchase quality Gums, Alkaloids, Crude Botanicals, Fish Liver Extracts, Cosmetic Raw Materials, Insecticide Bases.

Our "Price List and Manual" is yours for the asking—also literature on any specific item.

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK 1228 W. KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

N.W.D.A. President Names Committees

J. Mahlon Buck, president of the National Wholesale Druggists' Association, has appointed the 1938 committees of the association. The chairmen of the various committees are as follows:—

Accounting and statistics—Charles D. Doerr of McKesson & Robbins, Inc., Milwaukee Drug Division, Milwaukee.

Active membership—C. D. Smith of the Smith-Faus Drug Company, Salt Lake City.

Arrangements and entertainment—C. I. Luckman of the Pepsodent Company, Chicago.

Associate membership—Carl F. G. Meyer, 3d, of the Meyer Brothers Drug Company St. Louis.

Credits and collections—Sherwood Coffin of the Coffin-Redington Company, San Francisco.

Employment and welfare problems—Robert L. Trunk of McKesson & Robbins, Inc., Farrand-Williams Division, Detroit.

Insurance—J. A. Robinson of McKesson & Robbins, Inc., Bridgeport.

Legislation—H. C. Halberstadt of Shoemaker & Busch, Inc., Philadelphia.

Local associations—John C. Davis of the Davis Brothers Drug Company, Denver.

Memorials of deceased members—Harry J. Schnell of the OIL, PAINT & DRUG REPORTER, New York.

Proprietary goods—Warner James of Towns & James, Brooklyn.

Rates and routes—Robert B. Magnus of Magnus, Mabee & Reynard, Inc., New York.

Research and relations—John R. Thompson of the George A. Kelly Company, Pittsburgh.

Salesmen and selling methods—A. M. Goetzman of McKesson & Robbins, Inc. Rochester Division, Rochester, N. Y.

Special lines—T.H. Lyons of I. L. Lyons & Co., New Orleans.

Sulphanilamide Elixir Adulteration Denied

In a private hearing before a division chief of the Food and Drug Administration January 12 in Cincinnati, attorneys for the S. E. Massengill Company, Bristol, Tenn., entered a denial that the company had adulterated or misbranded the elixir of sulphanilamide that caused seventy or more deaths by poisoning attributed to the use of diethyleneglycol as the solvent for the drug. The hearing was for the purpose of ascertaining whether court action should be instituted against the manufacturer under the food and drugs act.

Simon Given Hospital Appeal Fund Scroll

A parchment scroll has been awarded to George Simon, vice-president of the Heyden Chemical Corporation, chemical manufacturers, this city, in recognition of his work in the United Hospital Campaign. Mr. Simon, as chairman of the chemicals and pharmaceuticals division of the industry section, assisted materially in the appeal which resulted in raising more than $2,000,000, the largest sum received in the last fifty-eight years.

George Simon

Mr. Simon was chosen for his position as chairman of his section of the industry, in which he has been prominently identified for many years, by Walter C. Teagle, of the Standard Oil Company of New Jersey, chairman of the industry section. The purpose of the appeal was to aid the ninety-two voluntary hospitals of New York and the Visiting Nurse Association of Brooklyn.

Foragers of America Honor F.L. Graham

At its fortieth annual banquet January 8 in the Hotel Astor, this city, the Foragers of America had, as its guest for special honor, Frank L. Graham, Eastern sales manager for the De Vilbiss Company. The Foragers is a social organization of salesmen in the cosmetic, toilet requisites and druggists' sundries industries.

Blank & Stoller

F. L. Graham

The banquet was a steak dinner of the sort to delight the hearts of salesmen and satisfy their appetites. Mr. Graham was happily commended by many who have long been his friends as a typical American of backbone and progressiveness, a man, who devotes himself to doing good for others and promoting good-fellowship. Everybody admitted having a good time.

The Foragers has a gathering place in the Herald Square Hotel, this city. Its members meet weekly for luncheon, and in addition to the annual banquet it has an outing in June. The officers of the organization are: President, W. W. Neilson, of Harold F. Ritchie & Co.; vice-president, H. T. Georgi, of Houbigant, Inc.; secretary-treasurer, A. J. Connolly, of Harold F. Ritchie & Co.; members of the board of governors, R. S. Arcularius, Oscar H. Betts, Aaron R. Chisholm, Walter A. Conklin, Harry D. Folstom, Frank L. Graham, Theodore M. Hanlon, Frank H. Herman, C. R. Bud Keeley, W. T. Kilcullen, N. M. King, and Martin F. Schultes.

Inecto Sales Taxable On Trade Prices

The United States District Court for the Southern District of New York has ruled that the 1932 cosmetics tax on products of Inecto, Inc., is properly based on the prices at which these goods are sold to the trade, and not on the lower prices at which they are supplied to Sales Affiliates, Inc., an associated corporation acting as selling and sales-promoting agent. This ruling was made in an action by Inecto, Inc., to recover excise taxes of $7,089.73 paid in the months of March and August, 1933.

In the opinion by Judge Goddard it is pointed out that Inecto, Inc., the Marinello Company and Sales Affiliate, Inc., are all owned by Andrevan, Inc. The court held, therefore, that Sales Affiliates, Inc., was merely a division of the business entity, and said that the manner in which the profits were allocated among the several divisions was not of moment, for "eventually Andrevan, Inc., got them all, anyhow." The point of interest, the court said, was the prices at which Inecto products were sold in the "ordinary course of trade."

The ruling of the court followed closely that in the similar Bourjois case, the fact that certain products were "sold" to the sales agent in bulk not being regarded as differentiating the Inecto transactions, because Sales Affiliates, Inc., was permitted to use Inecto labels in supplying the goods to the trade.

Inecto, Inc., also raised the point that its products were not classifiable as cosmetics as defined in section 603 of the revenue act of 1932. The court held that, even though "Dysolvol" was chiefly used by professional beauty shops rather than by individuals at home, it remained a preparation to be applied for toilet purposes. It also ruled that "Notoxide," a solution of hydrogen peroxide, was a toilet preparation, because its use, not its chemical composition, determined its status.

The court granted a motion for judgment in favor of the defendant Collector of Internal Revenue and dismissed the complaint of Inecto, Inc.

Botanical Drugs, Spices, and Gums

General Price Trend Still Favors Buyers—Some Pronounced Scarcities Bring Advancing Quotations—Spring Needs Expected Soon—Demand Remains Variable and Mainly Light

Price trend in the market for botanical drugs was mainly favorable to buyers during the past week. With the exception of a few items, stocks of which were so small as to account for an advance in quotations, the market as a whole was easier for many items, and not more than steady for a much larger group of entities. Demand was a varying item in the market, and, on the whole, business was best described as being very quiet.

Items noted for special strength included Roman chamomile flowers, beth, black indian hemp, and cranesbill roots, all of which were in very low supply in all markets. Helonias might well be added to that group, and no group of strong materials should omit black haw and wahoo barks.

Materials notably easier under the combined influences of moderate demand and more competition were echinacea, elecampane, galangal, gelsemium, musk and rhubarb roots; celery and coriander seeds; grains of paradise, horehound herb, thyme, and dried raspberries. All of these were lower in price at the end of the week, but, also, it appeared unlikely that the movement in favor of buyers would be much extended.

The fact was that practically all items in the market were in no state of oversupply, and a recovery of firm to strong undertones appeared to await only the widening of demand likely to come in the Spring term.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	200
Belladonna root	51	51
Caraway	...	1,275
Cardamom (cases)	...	128
Celery	...	...
Coriander	70	124
Cumin	58	294
Digitalis leaves (cases)	...	35
Dill	...	...
Fennel	75	75
Henbane leaves (bales)	42	42
Mustard	...	1,500
Poppy	...	1,750
Sage leaves (bales)	...	...
Sesame	...	147
Stramonium (bales)	38	83
Thyme (bales)	...	90
Totals	334	4,016

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arnica root, 7c. per lb.
Beth root, 2c. per lb.
Black Indian hemp root, 3c. per lb.
Celery seed, Indian, ¼c. per lb.
Chamomile flowers, Roman, 4c. per lb.
Cranesbill root, 2c. per lb.
Ginger root, Jamaica, bright grindng, ¼c. per lb.
medium bold, ¼c. per lb.
Gum benzoin, Sumatra, 3c. per lb.
Helonias root, 5c. per lb.
Marjoram, French, ½c. per lb.
Pepper, red, chillies, Japanese, 1c. per lb.
Pimento, ½c. per lb.
Poppy seed, Dutch, ¼c. per lb.
Polish, ⅛c. per lb.
Rapeseed, Belgian, ¼c. per lb.

Reduced

Angelica root, imported, natural, 2c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
Celery seed, French, ¼c. per lb.
Coriander seed, Morocco, ¼c. per lb.
Echinacea root, 2½c. per lb.
Elecampane root, 1c. per lb.
Galangal root, 2c. per lb.
Gelsemium root, 1c. per lb.
Ginger root, African, ⅜c. per lb.
lemon Cochin, 1½c. per lb.
Jamaica, bold, 1¼c. per lb.
Grains of Paradise, 4c. per lb.
Horehound herb, 3c. per lb.
Juniper berries, ½c. per lb.
Licorice root, select, bundles, 1c. per lb.
Musk root, 4c. per lb.
Mustard seed, English yellow, ¼c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Tellicherry, ½c. per lb.
Raspberries, dried, 3c. per lb.
Rhubarb root, whole, 5c. per lb.
powdered, 5c. per lb.
Sarsaparilla root, Mexican, 1c. per lb.
Stoneroot, 1½c. per lb.
Thyme, ⅜c. per lb.
Yellow dock root, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
135.3	135.8	138.2	117.4

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—No further reduction in quotations took place last week, but the market showed little if any improvement in undertone, and hence conditions were still favorable for buyers with firm orders in hand.

Fir.—Canadian balsam was scarce and likely to remain so for some time to come. Reserves in the primary market were low and quantities held unsold on the spot were few in number and very small in all instances. Prices were very firm. Oregon balsam was quiet but steady.

Barks

Barberry.—Steady prices but not much demand from consumers was the situation prevailing throughout the past week. Stocks were not overly abundant, but they appeared to be ample to meet more than the current takings of buyers.

Cascara Sagrada.—It has become clear that no scarcity of this bark is likely to develop between now and the production of a new peel. The stability that had featured prices for some time past was still the most prominent feature of the market last week.

Cottonroot.—Sellers were firm in their views, even though the movement into consuming channels was along jobbing lines most of the time. The available supply was conservative in size, since collection after the last cotton crop was comparatively light.

Orange Peel.—Prices abroad were fairly attractive and replacements were available at a cost making current spot quotations generally steady and not subject to substantial competition for the time being at least.

White Pine.—Seasonal movement was very good—quite the best thus far this year. The call kept prices very steady and cleared the spot of most competition.

Beans

Calabar.—Stocks were very small. No goods were coming forward from the source, so far as could be learned. The few lots available were in strong hands, and prices to be paid would be set on the development of each inquiry.

Vanilla.—The replacement market in France was very firm but that on the spot showed considerable unsettlement, caused mainly by competition which, in some instances, resulted in sales being made at less than the cost to replace. Not all sellers were meeting the distressed prices noted locally. Mexican beans were distinctly steady and competition in the article was limited. Local dealers indicated that some gain in demand had developed with the turn of the year, and during the past week a fair amount of business was put on the books for sellers.

Berries

Juniper.—Dealers shaded the market to the basis of 5½c. to 6c. per pound and reported a fair business done on the new basis. The development was one purely competitive in character and did not reflect any substantial change in the replacement market prices.

Raspberries.—Inactivity among sellers has weakened the market considerably and during the past week firm offerings of spot berries were made on the lower price basis of 65c. to 66c. per pound.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Flowers

Borage. — The market was very steady. Notwithstanding lack of large demand, prices were well maintained on a basis warranted by the first cost of spot supplies and the quotations prevailing on replacement stocks in the primary market.

Chamomile.—Roman flowers were higher at 28c. to 30c. per pound for a suitable quality of merchandise. Hungarian flowers were quiet and in a fairly competitive position on the spot. Renewal of demand was expected to come when manufacturing consumers cover Spring requirements which will be substantial, according to present belief.

Lavender.—Most cables show foreign stocks to be firmly held at prices entirely free from unsettling influences. The local market was very steady. However, demand was routine and consisted usually of jobbing requirements.

Orange.—Some gain in inquiry was noted in two directions and sales rose slightly. The business done was sufficient to reveal a very steady price position and an absence of much competition.

Pyrethrum. — Importations of this item during 11 months of 1937 reached a new all-time total of 17,947,196 pounds, an increase of more than 4,000,000 pounds over the total for all of 1936. The figure, also, compares interestingly with the 2,973,863 pounds that totaled the 1923 importations. The official figures for the last eight years follow:—

	Pounds.
1937 (11 months)	17,947,196
1936	11,756,979
1935	15,578,058
1934	10,590,771
1933	10,434,559
1932	12,110,736
1931	4,521,143
1930	8,536,426

Saffron.—Spanish flowers held very firm. Although demand was comparatively light, local dealers kept values in line with the well maintained cost of goods in foreign markets. Stocks on spot were comparatively small in most instances. Mexican flowers were in better request and the market ended the period in firmer position.

Gums

Arabic.—Prices for sorts were somewhat unsettled. Quotations were 11c. to 11¼c. per pound, a price which most sellers said they were trying to obtain. Activity was inconspicuous and the entire market was under the influence of competition sufficiently forceful to create somewhat weak undertones in the market.

Benzoin.—Sumatra gum was advanced to 18c. to 20c. per pound and the movement was the first to take place for some weeks past. The abandonment of the rosin test believed the danger of stock shortage and for a while the market was fairly easy. The turn in favor of sellers has developed and last week a much firmer undertone prevailed.

HOPKINS BRAND
CRUDE DRUGS
GUMS } KARAYA • ARABIC TRAGACANTH
PYRETHRUM • REDRATSQUIL
DERRIS • CUBE
We have been for over forty-seven years first hand direct importers and suppliers of all foreign and domestic crude drugs, importing from every important shipping point in the world. All botanicals we import or handle are BOTANICALLY, CHEMICALLY, BIOLOGICALLY and otherwise determined to conform with our standards as well as the pharmacopœia standards.
We carry in our New York City Warehouse and Mills full stocks of all Foreign and Domestic Crude Drugs for which there is commercial demand.
WRITE FOR PRICE LIST
J. L. HOPKINS & CO., 220 Broadway, New York, N.Y.

VIKING
Petroleum Solvents
PENTANE
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LOW COST - HIGH QUALITY
Special Solvents for Specific Purposes
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Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

13th ANNUAL DRUG TRADE DINNER
ON THURSDAY, MARCH 3, 1938 AT HOTEL WALDORF-ASTORIA
For reservations write
Drug, Chemical & Allied Trade Section, 41 Park Row, New York
Courtesy of THURSTON & BRAIDICH - 55 Vandam Street, New York

KARAYA TRAGACANTH ARABIC
GUMS
FRANK-VLIET CO. INC.
160 WATER ST. NEW YORK, N. Y.
WHOLE AND POWDERED

VANILLA BEANS
F. HUBER & CO., - 99 Hudson Street, New York

Myrrh.—A fairly good demand was noted for strictly U.S.P. gum, and prices were not only steadier, but in some quarters they were firmer and somewhat higher. Competition has decreased considerably.

Sandarac.—Jobbing business alone was noted and the volume was conservative in size. Prices remained quiet and generally steady, being backed by stocks of moderate size held by firm holders.

Scammony.—This resin was fully firm. Sellers declared their stocks to be conservative in size, yet sufficient for needs of the size current in the market for some time past. Replacement costs were generally firm.

Herbs and Leaves

Digitalis.—Trouble in getting goods to this country in a condition making admission certain was still being experienced by importers. Reserves were distinctly low and sellers were able to set their own quotations. Any open price would be nominal and subject to confirmation.

Horehound.—This herb was shaded to 12c. to 15c. per pound, according to seller quantity. Goods for an early arrival was also being offered at the inside price. Business was quiet but not more than fair in size.

Marjoram. — French material was higher at 17½c. to 18c. per pound. No change was made in the Tunisian item. Stocks were kept low by the difficulty in getting a suitable quality of merchandise abroad. Demand was moderate but gave fair support to the market as quoted.

Squaw Vine.—Stocks in hand were light and those in the country were conservative enough to keep prices distinctly firm at the source. Immediate demand was conservative but a renewal of somewhat broader request was expected to develop in the not distant future.

Uva Ursi.—Supply was equal to demand, which last week was fair in size. Prices have become steadier since the recent reduction caused by local competition. All reasonable needs of buyers appeared to be well provided for.

Miscellaneous

Agaric.—Prices were firmer following the decline in the previous trading period. Holders were not numerous on the spot and not all were meeting the minimum figure of $3.20 per pound. However, demand was very narrow.

Colocynth Pulp.—It was a buyers' market to a substantial degree and competition tended to keep quotations in favor of consumers with firm orders to place. Trade was routine.

Ergot.—The market was routine in character but also generally firm as to price. Consuming requirements of the main users have been well cared for notwithstanding the much unsettled conditions in the European market, particularly those of Portugal and Spain.

Hops.—Pharmaceutical users of this article paid the firm price of 27c. to 28c. per pound for strictly N. F. material. Business was not large but it had a steady quality that created very steady undertones throughout the period.

Papain.—The market was firm on spot. Prices at the source were higher than most importers were willing to pay and hence little buying of shipment material has been done. Stocks in the hands of dealers were conservative but a fair holding in outside hands was noted recently.

Roots

Angelica.—Imported natural root was lower at 26c. to 27c. per pound. Other varieties of this root lacked quotable change. The readjustment met competitive conditions.

Arnica.—Few holders were current and those with stocks in hand asked not less than 45c. to 46c. per pound even though actual consuming interest was not very great. Higher prices were much firmer.

Beth.—Spot goods were offered at the lower limit of 20c. to 22c. per pound as recognition of the return of a fair amount of competition to the at present not very lively market.

Black Indian Hemp.—For quite a while this item had shown a strength somewhat unusual in this market, and higher prices were maintained in firm fashion. Last week, prices were advanced again to the basis of 15c. to 18c. per pound, ruling according to seller. Stocks were light.

Cranesbill.—The upward revision of quotations was resumed and business during the past week was done on the higher price basis of 18c. to 20c. per pound. A fair amount of interest was disclosed.

Echinacea.—A slightly reactionary market was noted and quotations were found to be lower at 23½c. to 24c. per pound, notwithstanding the absence of wide demand for the item.

Galangal.—Although the outlook for replenishment of stocks through quantity purchases in the primary market was not good, the market was somewhat easier and prices were shaded to 9c. to 10c. per pound. Demand had not supported the late advance.

Gelsemium.—A shade lower price on this item was noted, and small orders were filled on the basis of 12c. to 13c. per pound when competition was an element in transactions.

Helonias.—Stocks were far too low to permit values to show unsettlement for a very long time. The market was higher last week, ranging 75c. to 78c. per pound, according to seller.

Musk. — The strength that brought much higher prices has proven to be temporary. Released from support, quotations receded to the basis of 12c. to 13c. per pound, which was about in line with what it would cost to replace present stocks.

Rhubarb.—The decline noted in recent weeks was unchecked. Whole was down to 55c. to 60c. per pound last week, and powder was offered lower at 60c. to 65c. per pound. The prospect for continued shipment of this root from China has improved.

Sarsaparilla. — Honduras root was easier and lower at 42c. to 43c. per pound. The Mexican root was shaded to 18c. to 19c. Neither was in substantial demand throughout the past week, and it was a buyers' market.

Stone.—Lack of supporting demand was noted and, under competition, local dealers took small orders on the basis of 7c. to 8c. per pound last week.

Tonga.—This item was noted at 30c. to 31c. per pound, a lower figure than had been quoted, and which was backed by an adequate spot supply to meet prompt delivery requirements.

Yellow Dock.—The market was shaded to 9c. to 10c. per pound, and was mainly a quiet affair, in which only jobbing demands reached the spot trade.

Seeds

Celery.—French seed was lower at 15½c. to 16c. per pound, but the Indian variety was higher at 14c. to 14½c. Both movements reflected a readjustment of spot prices to a position in line with replacement costs.

Coriander.—Quotations were a shade lower at 6¼c. to 6½c. per pound, under the influence of local competition and without regard for the fairly steady position occupied by the item in import position.

Mustard.—English yellow was reduced to 8c. to 8½c. per pound. No other price change was made within the group. However, it was of interest to learn that Hungary has resumed making substantial shipment offers to this country after a long period in which such offerings had been few and far between.

Poppy.—Cables from Holland reported an advancing market. Spot quotations were advanced to 9⅝c. to 9⅞c. per pound on Dutch material. Polish was sympathetically higher at 9¼c. to 9¾c.

Rape.—Japanese seed was lower at 6⅛c. to 6¾c. per pound. Dutch and Belgian seed lacked change. Competition was more than reasonably aggressive, and conditions for the time being appeared to favor buyers.

Spices

Cassia.—No. 1 Batavia was reduced to 15c. to 15½c. per pound. No other variety of the item was changed in price, but all were very steady as quoted.

Ginger.—African root was shaded to 14c. to 14½c. per pound. Lemon Cochin was down to 13c. to 13½c. Bold Jamaica was reduced to 15¼c. to 15¾c., medium bold was up a fraction to 15½c. to 16c. and bright grinding was higher at 15c. to 15½c. None were in more than moderate request and the changes in prices were readjustments made to bring the spot schedule more closely into line with shipment costs.

Paprika.—Fair Spanish pepper was nominally 22c. per pound, but stocks were small. Other qualities were not in over supply, but still were to be had in quantities sufficient to keep quotations to a firm basis.

Pepper. — Lampong pepper was

—*Continued on page* 50

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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(Continued from January 10 issue)

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Calcium-dinitroalphanaphthol betamonosulphonate
Camphor wood
Caproylphenylthiopseudourea
Carbazole in acetone
Carboethoxymethyltriphenylphosphonium chloride
4-(Carboethoxyphenoxy)-triphenylphosphonium hydroxide
Carbon bisulphide
Carbon bisulphide with cedarleaf oil
Carbon bisulphide with essential oils
Carbon bisulphide with eucalyptus oil
Carbon bisulphide with pine oil
Carbon bisulphide with pineneedle oil
Carbon tetrachloride
Carbon tetrachloride with 3:4-dichlorobenzenesulphonamide and triethyl phosphate
Carbon tetrachloride with arylsulphonamide with phosphoric acid ester
Carbonimidic acid
Carboxylic acids
Carboxylic derivatives of acridin
Carboxylic derivatives of naphthalene
Cedar chips and shavings
Cedarleaf oil in carbon tetrachloride
Cedarwood oil
Cerium acetate with carbon tetrachloride
Cerium chloride
Cerium linoleate
Cerium resinate
Cerium ricinoleate
Cerium salt of chaulmoogric acid
Cerium salt of clupanodonic acid
Cerium salt of cottonseed oil acids
Cerium salt of elaidic acid
Cerium salt of gum acids
Cerium salt of japanic acid
Cerium salt of linoleic acid
Cerium salt of oleic acid
Cerium salt of resin acids
Cerium salt of ricinoleic acid
Cerium stearate
Cerium tungstate
Chlorax
Chlorinated hydrocarbons
4-Chlorobenzenesulphoanilide
3-Chlorobenzenesulpho-4-chloroanilide
3-Chlorobenzenesulpho-4'-chloroanilide
4-Chlorobenzenesulphomethylamide
4-Chlorobenzenesulphomethylamide with a phosphoric acid ester in benzin
4-Chlorobenzenesulphomethylphenylamide
4-Chlorobenzenesulphomethylphenylamide with diethylbutylglycol phosphate
4-Chlorobenzenesulphonamide
4-Chlorobenzenesulphonamide with diethylbutylglycol phosphate
Chlorobenzenesulphonic acids
4-Chlorobenzenesulpho-1:3-phenylenediamine
4-Chlorobenzenesulpho-1:4-phenylenediamine-2'-sulpho-4-chlor-1-anilide
Chlorobenzyltriphenylphosphonium chloride
4-Chlor-2:6-bis-(5-chlor-2-hydroxybenzyl)phenol
4-Chlor-2:6-bis(orthochlorobenzyl)phenol
5-Chlor-2:3-cresotic acid
Chlorocresotic acid anilide-sulphonic acid
Chlorocresotic acid-anilide-sulphonic acid with benzyltriphenylphosphonium sulphate
2-Chloro-normal-dimethylbenzenesulphonamide
Chlorodimethylphenol
Chloroform and quaternary phosphonium salts
Chlorohydroxydimethylbenzene
Chlorohydroxydiphenyl
5-Chlor-2-hydroxydiphenylmethane
5-Chlor-2-hydroxy-4'-methyldiphenylmethane
4-Chlor-2-hydroxynaphthalenesulpho-4'-chloroanilide
4-Chlor-3-hydroxy-2-naphthoic acid
1-Chlor-2-hydroxy-3-naphthoic acid
5-Chlor-2-hydroxy-4'-sulphodiphenylmethane
2-Chlor-4-methylbenzenesulphomethylamide
2-Chlor-4-methylbenzenesulphomethylamide with diethylbutylglycol phosphate in benzin
4-Chloro-normal-methylbenzenesulphonamide
4-Chloro-normal-methylbenzenesulphonanilide
(2-Chlor-1-methylphenoxy)triphenylphosphonium hydroxide
(2-Chlor-4-methylphenoxy)triphenylphosphonium hydroxide
5-Chloro-normal-methyl-3-sulphonanilide-salicylic acid
Chloronaphthalenesulphonic acid
Chloronaphthalenebetasulphonic acid
4-Chlor-1-naphtholsulpho-4-chloroanilide
4-Chlor-1-naphtholsulpho-4'-chloroanilide
4-Chlor-2-(orthocholorbenzyl)phenol
5-Chlororthophenolsulphoanilide
1-Chlor-2-oxy-3-naphthoic acid
4-Chlor-1-phenol-2:6-disulpho-3-acetylamino-1-anilide
4-Chlor-1-phenol-2:6-disulpho-bis-3-acetylamino-1-anilide
4-Chlor-1-phenol-2:6-disulpho-bis-benzylamide
4-Chlor-1-phenol-2:6-disulpho-bis-4-chloroanilide
5-Chlor-1-phenol-2:4-disulpho-bis-4-chloroanilide
4-Chlor-1-phenol-2:6- disulpho-4'-chloro-1'-hydroxy-2'-anilide
4-Chlor-1-phenol-2-sulphoanilide
4-Chlor-1-phenol-2-sulphobenzidin
2-Chlor-1-phenol-4-sulpho-4'-chloroanilide
4-Chlor-1-phenol-2-sulpho-4'-chloranilide
2-Chlor-4-phenylphenol
5-Chlorosalicylic acid
5-Chlorosalicylic acid, sulphurized
5-Chlorosalicylic acid-3-sulpho-2'-chloranilide
5-Chlorosalicylic acid-3-sulpho-4'-chloroanilide
5-Chlorosalicylic acid-3-sulpho-normal-methylanilide
4-Chlorosulphoamylester salt of phthalic acid
4-Chlorosulphophthalic amylester
(Chlorothymoxy)triphenylphosphonium hydroxide
Chromium fluoride and antimony fluoride
Cinchona alkaloids in benzene
Cinchona alkaloids in carbon tetrachloride
Cinchona alkaloids in kerosene
Cinchona alkaloids in naphtha
Cinchona alkaloids in petroleum ether
Cinchona alkaloids in petroleum distillates
Cinchonicine hydrochloride
Cinchonicine oleate
Cinchonicine hydrochloride
Cinchonidine hydrofluoride
Cinchonidine oleate
Cinchonidine sulphate
Cinchonine
Cinchonine hydrochloride
Cinchonine hydrofluoride
Cinchonine oleate
Cinchonine sulphate
Cloves
Coaltar creosote
Condensation products of—
(1) Aldehyde with meta halogenated phenols
(2) Aldehyde with para alkylated halogenated phenols
(3) Aldehyde with para halogenated phenols
(4) Aldehyde with parabromophenol
(5) Aldehyde with parachlorophenol
(6) Benzaldehydeorthosulphonic acid and anisol
(7) Benzaldehydeorthosulphonic acid and benzyl alcohol
(8) Benzaldehydeorthosulphonic acid and 3-chlor-4-cresol
(9) Benzaldehydeorthosulphonic acid and 6-chlor-2-cresol
(10) Benzaldehydeorthosulphonic acid and chlorophenol
(11) Benzaldehydeorthosulphonic acid and cyclohexanol
(12) Benzaldehydeorthosulphonic acid and 4:6-dichlor-2-methylphenol
(13) Benzaldehydeorthosulphonic acid and 2:4-dichlorophenol
(14) Benzaldehydeorthosulphonic acid and hexyl alcohol
(15) Benzaldehydeorthosulphonic acid and metachlorophenol
(16) Benzaldehydeorthosulphonic acid and 2-methyl-4:6-dichlorophenol
(17) Benzaldehydeorthosulphonic acid and parachlorobenzyl alcohol
(18) Benzaldehydeorthosulphonic acid and phenol
(19) Benzaldehydeorthosulphonic acid and phenol ether
(20) Benzyl alcohol and chlorophenol

(To be continued)

Essential Oils, Aromatic Chemicals

Italy Still to Take Concrete Action on Lemon Consortium—Orange Turns Firmer—Cumin Lower—Considerable Improvement In General Demand and Sales Here

Two features stood out clearly last week in the market for essential oils and aromatic chemicals. First, prices were substantially firm on practically all items. Second, a market improvement in sales was generally reported. Combined, these two features gave evidence of the basically sound position of practically all materials, on one hand, and of the existence of conditions well calculated to create increased strength in market undertones.

Revival of demand was exceptionally welcome. For some weeks past sales had been curtailed by the necessity of keeping low stock inventories, and also by the existence of actual doubt as to the future of trade, and hence the actual requirements of manufacturing consumers. The revivifying flow of business to the spot stemmed from the fact that actual requirements of buyers made necessary a more liberal purchasing policy, coupled with the further fact that a return of confidence has made it possible for buyers to look ahead with more assurance in the future of industry.

Cumin oil was lower under competition. It was the sole price change of the week. Lemon oil was substantially firmer; even stronger, according to some. Italy was still considering creation of a lemon consortium, but concrete achievement had yet to be realized. A firmer position on orange oil seemed to be developing. Prices offered peppermint farmers in the Middlewest were reduced by dealers in the country without affecting spot quotations. Spearmint was slightly unsettled at the source, but fairly steady here.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Cumin, 25c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
77.9	77.9	78.0	88.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—Jobbing business was fair for the most part. Such demand came steadily to the spot and was satisfied at prices notably steady and free from unsettling influences. Stocks available on spot were not large, but seemed to be entirely adequate.

Angelica.—Cordial makers have been buying somewhat more liberally than usual, and the gain in activity increased the generally steady undertone that had supported prices for some time past.

Apricot.—Fully steady prices prevailed. Competition was moderate in all respects and the stocks remaining from production last year were said to be moderate in size. Demand was along normal but entirely routine lines.

Bay.—Trade was dull. Buyers were in the market occasionally, but most demands were for comparatively small quantities, the sale of which did little more than hold values to a steady position on the spot. Replacement costs were well maintained at the source.

Bergamot.—The cost to replace warranted fully the prices quoted for spot goods. The market here appeared to be well stabilized and generally firm in all quarters. Actual consumption was moderate, but was at least level with that normal in the market at this season of the year.

Cananga.—A quiet market accompanied by steady prices prevailed last week. Sellers said that the needs of buyers were conservative in size and in numerous instances stocks in hand were sufficient for users to remain aloof. Pricewise, the market was well held.

Clove.—The spice market in the Far East was firm on the basis of the recent advances in prices. Oil on spot was steady with prices holding unchanged and with there being somewhat less resale competition which recently unduly weakened the price structure of the makers.

Coriander. — Consumption remained low, and will probably be kept down until and if prices return to a position near to normal. It is all a matter of Europe getting sufficient stocks of Russian seed f - distillation purposes—and such a development was as unlikely and uncertain as ever.

Cubeb.—More inquiry for small lots was reported occasionally last week. Also, such sales showed a gain within moderate limits. With raw material holding very steady, prices for the oil were in well stabilized position.

Cumin.—Under the influence of a wider competition on spot, holders of this oil reduced quotations to the minimum figure of $7.75 per pound. As to seller, the range was to $8.50. Demand was not very good.

Dill.—Business still lagged, but the market was firmly held as sellers awaited a broadening of consumption which is likely to come during the first quarter of the year. Supplies were in excellent shape.

Eucalyptus.—Excellent consumption was reported and an outlet for practically everything forthcoming from the primary market was said to exist. Prices were very steady and competition was lacking for the most part.

Fennel.—While trade was not large, it was still sufficient to keep prices very steady, especially in view of the conservative reserves available on the spot at this time. Replacement costs also were such as to make for stability in local values.

Ginger.—Relief from duty—when and if achieved—may not come for another year, according to suppliers of raw material. Customs cases through which removal of the duty is being sought have been started and final decision and disposal of the actions are far away. In the meantime, firm and high prices for oil were expected.

Laurel.—Jobbing business made up the bulk of business and the total was not substantial. However, in view of an almost total absence of competition, sellers reported prices to be fully firm and likely so to remain for some time to come.

Lemon.—The Italian proposal looking to the creation of a consortium of lemon oil producers, similar to that governing production and sale of bergamot, has yet to be followed by news of concrete achievement. The tendency here has been to discount the probability of such an accomplishment in Italy. In the meantime, the market has been notably firm, almost strong in fact. California oil was in very firm position as no surplus of production is likely this year. Demand has improved considerably on the spot.

Lemongrass.—Moderately good request was noted. The very quiet market noted for some time past has been succeeded by more activity that has given a firmer tone to prices in general.

Lime.—Spot quotations have become firmer since improvement in demand has developed. No shading of quotations was noted last week. Reports from Mexico were to the effect that exports from that country to the United States in 1937 totaled 1,503 pounds of cold pressed oil, and 26,907 pounds of distilled material. Practically the entire Mexican output comes to this country.

Orange.—A disposition to expect a more stable market on this item was noted last week. So far as domestic production is concerned, the conditions responsible for the large output a year ago have not been, nor are they likely to be, repeated. Prices were believed to be generally favorable for buyers

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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and an expansion in interest has been noted. Continued gain in sales was expected to result when consumers cover at least portions of their late Spring needs.

Peppermint.—Prices offered farmers who trade with middlewestern dealers in this item have been reduced 10c. per pound. This has been the first open break in offered prices to take place for some time. Spot quotations were unaffected since they had been very low in comparison with dealers prices at the source. As to demand, some improvement was noted.

Pineneedle.—The firm cost of replacement stocks was more than enough reason for the well maintained spot quotations on this item. In addition, a gain in movement to consumers was noted and that added to the development of additional firmness on this market.

Pimento.—Lower prices were unlikely to develop. Since production of raw material has dwindled at the source, production cost on oil has naturally increased. Demand for oil was moderate but steady.

Sage.—Favorable results have been already obtained by those seeking to increase the use of this article. Low prices and good quality oil play a prominent part in expanding consumption. The market was generally firm.

Spearmint.—A slight unsettlement in primary market values was noted without the situation going so far as to find reflection in the spot position of the item. Prices were already on the low side and hence competition has been kept within narrow confines.

Thyme.—Difficulty in getting a normal export of this item from the source has been more than sufficient reason for the firm maintenance of quotations for some time past. However, some sellers reported better demand last week and market undertones were decidedly firm.

Aromatic Chemicals

Benzylidinacetone. — Although demand was somewhat routine, the consumption of this article was still steady and in very fair volume. The undercrust of the market was very firm, supporting prices fully and being evidence of a not aggressive competition in local circles.

Bromstyrol.—Inquiry was improved and some sellers found sales gaining within fair limits. In general, the market had a firm undertone and quotations were well held in all quarters.

Cinnamic Aldehyde. — Trade was steady, if not large. It was productive of steady prices and an elimination of destructive competition among sellers. Supplies were adequate in all ways.

Diphenyl Methane.—Irregular demand was noted, varying rather widely from day to day and being productive of a conservative total of sales by the close of last week. Pricewise, the market was steady in line with the not excessive size of reserve stocks.

Diphenyl Oxide.—A deal of stability prevailed in the market for this material. Prices were considered to be low and highly favorable for buyers, a fact that has been productive of a steady call for quantities that indicated a fair consumption of the item.

Ethyl Vanillin.—Business remained conservative in volume and lacking in signs of early expansion of buying operations. However, the market appeared to be well under control, production costs holding up well and firm prices being the usual thing with suppliers.

Musk.—Prices prevailing on artificial material last week had been in effect for several months. However, it was said last week that the market showed some signs of unsettlement because of more active competition and at the moment conditions were distinctly favorable for buyers with firm orders in hand.

Pelargol.—Business was slightly improved in a very steady market. More inquiry was noted, and less competition appeared to exist. Values were very steady and well maintained at all times.

Phenyl Acetaldehyde. — Buying was on a basis close to that indicative of hand-to-mouth activity. Purchases covered close at hand needs in most instances and volume was conservative. Prices were maintained at unchanged position.

Phenylacetic Acid.—Revival of buying was looked for soon; conservative trading for some time past was believed to have produced stocks somewhat less than normal in the hands of consumers. The undertone remained steady and prices continued to be well held.

Guenther Completes Essential Oil Survey

—Continued from page 5

Paris, regarding the French Colonies, he intended to visit, Dr. Guenther sailed from Marseille for French Guinea. He arrived at Konakry and then drove to the interior to the principal centers of sweet orange oil production around Mamou and Labe in the Fouta-Djallon, where he made a careful survey of conditions. Returning to Konakry, he left by steamer for Dakar in the Senegal, from which point he flew in an overnight flight to Casablanca, Morocco. From there he drove by car into the interior of Morocco, through the Riff and Atlas mountains and a part of the bordering Sahara Desert.

On this portion of his trip Dr. Guenther visited Morocco's new and intensely interesting essential oil developments where thyme, pennyroyal, origanum, myrtle, and rosemary are being cultivated on an increasingly large scale. From Morocco he crossed Algeria and returned to the Fritzsche plant in Seillans in time to supervise production of the annual jasmine crop.

In Eastern Africa

Early in September, Dr. Guenther commenced the second portion of his journey which was to cover the important essential oil developments in eastern Africa. He flew by Imperial Airways from Marseille to Rome, Athens, Alexandria, Wadi Halfa, and Khartum, following the Nile and across Uganda to Kisumu on Lake Victoria. Here he transferred to a smaller plane which carried him across Kenya to Nakuru. From this point he journeyed to Njoro for an investigation of the production of geranium oils, mahwa (a type of geranium), and the recently developed lavender plantations. A trip by automobile then took him through Kenya's wild game reserves to Nairobi. From this city he flew to Zanzibar where he investigated the clove situation.

The next stop in his itinerary was at the Comoro Islands which he reached by steamer. Subsequently he spent several weeks at Nossi-be making a survey on this island and neighboring parts of Madagascar of the production of oils of ylang-ylang, lemongross, pepper, and vanilla. From Nossi-be he traveled by steamer to Tamatave on the eastern coast of Madagascar. Journeying north by car, he reached Fenerive and there made a study of this important center of clove and cinnamon production.

Returning to Tamatave, Dr. Guenther embarked for Reunion Island to make a survey of the situation with regard to geranium, vetiver, and ylang-ylang oils production. From Reunion he commenced the return trip, reaching Zanzibar by steamer and from there back to southern France, by continuous flight via Imperial Airways.

Arriving at Seillans after many thousands of miles of hazardous travel, Dr. Guenther was approaching the factory when his car suddenly skidded on the wet roadway and crashed into a tree. It was completely demolished and Dr. Guenther was badly cut about the face and throat and received a simple fracture of the sternum. After several weeks' recuperating, two of which were spent in the hospital, he re-embarked for New York, arriving aboard the "Bremen" December 22.

He was most impressed by the splendid development of air transport which now enables the traveler to reach the remotest parts of Africa in the comfort of luxurious airliners and in a matter of hours and days, whereas such journeys formerly took weeks and sometimes months of the most arduous travel.

Developments in Morocco

Another amazing development is that of the new essential oil industry which is being fostered in Morocco. This is

Distilling Aromatic Oils in Morocco

favored at present by the civil war in Spain, by extremely low labor costs in Morocco, and by climatic conditions ideally suited to the development of many important essential oils. The Berbers, who provide much of the cheap labor, possess unusual intelligence and tremendous capacity for long hours and hard work. Also, new and splendid roads have aided tremendously in this development.

The situation with regard to clove oil in Zanzibar is still very complicated. The government has enacted rigid regulations in regard to ownership, standardization, and export of clove. While this has tended to bring about a much needed stabilization of prices, it has also aroused the ire of the Indian intermediaries who are now attempting to boycott Zanzibar cloves. Contrasted with this, the clove industry in Madagascar is not sufficiently organized to give buyers guarantees in regard to quality and especially moisture content of the dried clove buds.

During his visit to the beautiful island of Reunion, Dr. Guenther was struck by the primitiveness of geranium production and by the poverty of the white people whose forebears settled on this island more than 200 years ago, and who still cling to their ancient traditions and customs.

These and many other interesting observations will be discussed in full detail by Dr. Guenther in a series of articles which he is now preparing for publication in some of the leading trade journals.

Fritzsche Bros. Relocates Boston, San Francisco Offices

The Boston and San Francisco offices of Fritsche Brothers, essential oils and aromatics, this city, have been moved to new locations which provide facilities for the improvement and extension of the company's service.

The Boston branch is now located at 206 State street in the heart of the wholesale supply section of the city. The location was selected because it is accessible to buyers' carriers already routed to that vicinity for allied materials. Another improvement is the establishment of a complete stock of essential oils, aromatic chemicals, and basic perfume and flavor raw materials. The Boston office is managed by J. Peter Niles, assisted by Charles H. Milton and Arthur W. McKey.

The San Francisco office has been relocated at 1325 Howard street, where the affairs of the company are supervised by Stanley Crouch, Pacific Coast representative for the organization. Stocks to care for Coast requirements are carried at the Los Angeles branch only, located at 816 West Eighth street.

Botanical Drugs

Spices

(Continued from page 48)

shaded to 5c. to 5½c. per pound; Tellicherry, 8¼c. to 8½c.; Alleppy remained nominal. Japanese chillies were higher at 20c. to 20½c. per pound and were almost nominal, comparing with the Mombassa item which was definitely so. Exports of Lampong black during the month of December last, compared with December, 1936, from the source in terms of long tons, were as follows:—

	Long tons 1937.	1936.
United States	900	610
Europe	225	400
Singapore	20	30
All others	325	350
Totals	1,470	1,390

Trading in black pepper futures on the New York Produce Exchange from January 8 to January 14, inclusive, comprised 97 contracts, a total of 3,259,200 pounds. Following is a price record for the week:—

	Cents per pound— High.	Low.	Close.
January	5.25	5.25	5.05@5.20
March	5.25	5.20	5.15@5.30
May	5.40	5.31	5.28@5.38
July	5.55	5.35	5.38@5.46
September	5.60	5.50	5.45@5.56
October	5.72	5.70	5.49@5.61
December	5.80	5.64	5.63@5.68

Pimento.—The market strengthened under better request under better request and business was done at advancing prices. At the close of the trading period under review, the market was 14½c. to 14¾c. per pound.

Ryland President Of Essential Oil Ass'n

The annual meeting of the Essential Oil Association of the United States was held January 14 at the Hotel Warwick, this city. Officers to serve during the coming year were elected as follows:—H. C. Ryland, of H. C. Ryland, Inc., president; Charles Fischbeck, of the Charles Fischbeck Company, vice-president, and Robert Magnus, of Magnus, Mabee & Reynard, treasurer, all of this city. The executive committee will include V. H. Fischer, of the Dodge & Olcott Company, and William Shilling, jr., of the Norda Essential Oil and Chemical Company. The nominating committees was headed by R. R. Webb, of W. J. Bush & Co., this city.

Dr. Eric Kuntz, of the Givaudan-Delawanna Company, this city, read an extended report on the work of the scientific committee which, during the past year, worked intensively on the changes in tests appearing in the new pharmacopoeia. Fred Stichwah, secretary of the association, also presented his annual report.

A resolution expressing the sadness and regret of the association caused by the untimely death of A. D. Armstrong, of Fritzsche Brothers, this city, on November 28, was prepared by L. Rapin, of the Antoine Chiris Company, an dadopted. At the time of his death, Mr. Armstrong was president of the association.

Cuban Drug Control Threatens U. S. Trade

—Continued from page 3

icals and related articles, the trade agreement article says:—

All articles enumerated and described in schedule I annexed to this agreement, with respect to which a rate of duty is specified in column 2 of the said schedule, shall be exempt from all taxes, fees, charges or exactions, in excess of those imposed or required to be imposed by laws of the Republic of Cuba in effect on the day on which this agreement comes into force, and all articles enumerated and described in schedule I annexed to this agreement, with respect to which a rate of duty is specified in column 2 of the said schedule, shall be exempt from all taxes, fees, charges of exactions, in excess of those imposed or required to be imposed by laws of the United States of America in effect on the day on which this agreement comes into force.

American manufacturers and exporters of pharmaceutical products are being urged by Cuban distributors to "act at once; wire, do not write, to your representatives, senators, attorneys and also your labor organization."

FRITZSCHE ESSENTIAL OILS

Painstaking selection and rectification of choicest oils enable us to offer Essential Oils of better-than-average quality and uniformity.

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Petroleum Solvents, Lubricants, Fuels

V.M.&P. Naphthas Lowered in Price in New York District—Other Solvents Hold—Gasoline Storage Mounts—Fear for Security of Current Prices

Petroleum products used as industrial raw materials were favored by broader buying interest last week but the basic position of the petroleum market was not very strong. The foremost development among the industrial products was a reduction in tankcar and tankwagon prices for v.m. & p. naphthas in the New York district. This move was a competitive one and did not extend to other products used as solvents and thinners. Paraffin wax was another product that was characterized by weakness. Scale wax has been moving down fast under complete absence of buying activity.

The gasoline situation appears quite shaky. The heavy consumption season is still months away and stocks in storage have been climbing steadily. According to the latest reports from the A.P.I., stocks for the week ended January 8 were 79,331,000 barrels which is not far from the all-time high record. There is still some apprehension over the security of current crude prices but some of the students of the market cannot see where lower crude prices would help the situation and there is a stronger feeling that Sunday shut-downs of wells would provide the most effective answer to the current question of unbalance.

Daily average production of crude oil in United States for the week ended January 8 was 3,437,100 barrels, an increase of 500 barrels over the preceding week's output, according to the estimates of the American Petroleum Institute. The average for four weeks ended January 8 was 3,451,550 barrels and the average at this time a year ago was 3,117,800 barrels. Runs of crude oil to stills were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,892,000 barrels for 78.1 percent of refinery operation, and, 318,000 barrels additional were estimated to have been sent to stills unreported for a total estimated average of 3,210,000 barrels against 3,320,000 barrels in the preceding week.

Solvents and Diluents

Competitive influences made themselves felt in the New York market for v.m. & p. naphthas last week and prices were lowered on Thursday. Both the tankcar and tankwagon prices were reduced substantially, but the reduction was confined to the v.m. & p. naphthas only. Mineral spirits and rubber solvents were unchanged. Demands here were a little livelier than they were a week ago. The Midcontinent market was reported to have been steady despite surrounding weakness in gasoline.

Aromatic Naphthas.—As reported here a week ago, the prices for Nos. 1, 2 and 3 grades were revised. No. 1 is now quoted at 16c. per gallon; No. 2 at 18c. per gallon, and No. 3, 18c. per gallon. All of these quotations were f.o.b. Bayonne.

Petroleum Thinners.—There was no change in the New York and New Jersey markets last week. Tankcar prices in this district remained at 9c. per gallon while the tankwagon market continued at 9½c. per gallon.

Rubber Solvents.—Prices in the New York and New Jersey districts were not influenced by the reduction in v.m. & p. naphtha prices. Tankcars in New York were posted at 10c. per gallon while the tankwagon market was 13½c. per gallon; tankcars in New Jersey were also 10c. per gallon and tankwagons 13c. per gallon. The Midcontinent market position was unchanged and deliveries into the Akron tire shops were light.

Stoddard Solvent.—The market's position was unchanged. The demands were reported to have improved somewhat over a week ago. The Group 3 market for tankcars was posted at 6⅞c. per gallon.

V.M. & P. Naphthas.—Prices broke in the New York market Thursday. Tankcar prices were lowered 1c. per gallon to the basis of 10c. and the tankwagon price was lowered 1½c. per gallon to the basis of 10½c. per gallon. In New Jersey, the price for tankcars was 10½c. per gallon and the tankwagon price was 12½c. per gallon. This represented the first shift in price since last August.

Markets at Other Centers

Chicago, Jan. 13.—Buyers of petroleum solvents and diluents have assumed a slightly more conservative attitude, but the takings of these materials have continued to run along comparatively good totals regardless. Inquiries are reported in moderately good volume. Prices are about steady. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4c. to 4¼c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.2c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankscar; 15.9c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m.&p. naphtha, 7⅜c. to 7½c., tankcar; 16.2c., tankwagon.

Lighter Fractions

Industrial consumption of these oils continued in routine fashion. There has been no change in the appearance of the market for some time back. Prices have not been altered, and the movement out of the suppliers' hands has been along ordinary lines.

Butanes.—The week-to-week position of the market does not show any change in appearance. The quotations named by Group 3 producers continued at 2¼c. to 3¾c. per gallon for tankcars, according to the number of cars used monthly.

Heptanes.—Conditions surrounding this market were also without change, and things continued in a very routine way.

Octanes.—This mixture was priced at 10½c. per gallon for tankcar lots, f.o.b. Group 3. The demands from the regular users have been routine.

Petrolatums and Waxes

White Mineral Oils.—The calls for delivery against contracts were a little broader last week. The market seems to have opened up somewhat following the slowness over the turn of the year. Prices for U.S.P. and technical oils remained in a steady position at unchanged levels.

Paraffin Waxes. — Scale wax prices moved down further last week. As reported in the late market summary of last week's issue, there were reported offerings at 2.40c. per pound for either 122-124 A.m.p. or 124-126 A.m.p. Offerings at this level were quite liberal in the forepart of the week, and in some directions even better could have been done. Because of the lack of purchasing interest on the declining market it was difficult to determine actual market prices. The fully refined waxes continued in an unchanged position.

CHICAGO, Jan. 13.—The refined paraffin wax market has started the year in continuing good tone. Volume of business is reported as being fairly good, and the general outlook is considered quite good by sellers. Stocks do not appear to be disturbing the situation. Ruling prices are:—122-124, 5.65c. to 5.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

Petrolatum. — The position of the market has not been altered during the past two or three weeks. Snow white was reported to have been a little soft but the position of the ambers was a firm one. There was not much life in the market last week.

Fuels and Lubricants

The gasoline market lacked snap and the increasing volume of material in storage was a growing hazard to the safety of the present price structure. The latest statistics indicate that the stocks are close to record proportions. And, the heavy consuming period is still several weeks away. Diesel oil prices were lowered in New York last week and the cut was made retroactive to January 1.

Tankwagon Price Changes

CHICAGO.—Standard Oil Company of Indiana, January 12, restored to normal all sub-normal prices of kerosene, tractor fuel and furnace oil throughout the Dakotas, Iowa, Minnesota, Wisconsin, Missouri, Indiana and Illinois, except Chicago. This move included all its Middlewest territory except Kansas and Michigan.

Market Conditions

Gasoline.—The consumption returned to more normal levels for this time of season after having enjoyed considerable lift for a week or so because of mild weather. The mounting gallonage in storage hangs threateningly over the market and there are scattered instances of price softness in the retail structure in the Atlantic seaboard district. According to the latest A.P.I. statistics, stocks of finished and unfinished gasoline have gone up to 79,331,000 barrels which is not far from the record high. As the seasonal bulge of consumption is several weeks away, there is considerable fear for the security of present prices. Quotations for motor gasoline at local refineries continued at 7c. to 7¼c. per gallon for the 65 octane grade. Export prices at the Gulf were unchanged.

Kerosene.—The demand side of the market was a little more active as a result of the colder weather conditions. The tankcar position at the local refinery points was fairly steady as the sellers continued to quote 6c. per gallon, f.o.b. refinery for 41-43 water white material. There has been no recent change in prices for export at the U. S. Gulf.

Fuel and Gas Oils.—Prices for Diesel oil in New York harbor were lowered

—*Continued on page 52*

Outputs and Quotas

A comparison of Bureau of Mines calculations for January production, State allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended January 8 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	566,600	550,000	538,850
Kansas	179,300	186,472	162,650
Texas 1,350,900		*1,357,573	1,375,300
Louisiana ..	238,400	256,000	247,250
Arkansas ...	35,200	.....	42,550
Eastern	128,000	.....	138,400
Michigan ...	54,100	.....	51,400
Wyoming ...	55,500	.....	45,450
Montana ...	13,100	.....	14,200
Colorado	4,300	.....	4,450
New Mexico.	103,100	107,100	107,100
California ..	678,300	†678,300	709,500
Totals 3,406,800		.....	3,437,100

* Allowable effective December 16 revised to 1,357,573 effective December 18.
† Recommendation of Central Committee of California Oil Producers.

Tankcars of Fusion Weld Authorized

—*Continued from page 5*

transportation of nitric acid. They will be fusion-welded, and will have a total capacity, with dome, of 8,388 gallons each. The construction will be that used in two fusion-welded tanks previously authorized under proposed I. C. C. specification 103-C-W except that anchors will be welded.

Twenty-five of the new tankcars authorized for transportation of anhydrous ammonia will be manufactured by the General American Transportation Corporation, and fourteen by the American Car & Foundry Company. These tanks will have a capacity of approximately 50,000 pounds of liquid ammonia each, and construction will be that used in cars of the same type previously authorized under proposed I. C. C. specification 105A300-W.

The Union Tank Car Company will construct 100 tankcars of I. C. C. specification 105A400 type for petroleum products. In its application, the company stated that the various features of designs of cars to be constructed under this authority have been passed upon as satisfactory by the Association of American Railroads, and construction will conform to all effective requirements.

Standard Oil Co. of N. J. To Build 12 Tankers

The Standard Oil Company of New Jersey signed contracts with four shipbuilding concerns for the construction of twelve high-speed tankers at a total cost of $37,566,004. The contracts were let under an agreement with the Maritime Commission under provisions of the Merchant Marine act authorizing the government to pay for installation of national defense features on new commercial vessels.

Each of the new tankers will be 525 feet long and of 16,300 tons deadweight, and will have a cargo capacity of 150,000 barrels of oil. They will be built to have 12,800 horsepower and twin screws to provide a required test speed of 18 knots on the Rockland Course and a sustained seas speed of 16.5 knots. The commission's share of the total cost for national defense feature will be $10,563,000.

Three ships each will be built by the Newport News Shipbuilding and Drydock Company, Newport News, Va.; the Bethlehem Shipbuilding Corporation, at its Baltimore yards; Sun Shipbuilding and Drydock Company, Chester, Pa., and the Federal Shipbuilding and Drydock Company, Kearny, N. J.

Mena Grande Oil Co. Sells Surplus Output

The International Petroleum Company, Ltd., has concluded arrangements for the purchase of the surplus crude oil production of the Mena Grande Oil Company, a Venezuelan corporation. No change in ownership or operations of the Mena Grande Venezuelan concession was involved. The International company has anticipated future delivery of oil by an advance payment of $25,000,000. The contract for the purchase of the oil covers a long term of years.

Mena Grande Oil Company, is the Venezuelan operating affiliate of the Gulf Oil Corporation, and the International Petroleum Company is controlled by the Imperial Oil Company, Ltd., which in turn is controlled by the Standard Oil Company of New Jersey. At present Mena Grande's production is in excess of 70,000 barrels daily, about half of which is marketed in the United States.

Plymouth Oil Company and its subsidiary, Big Lake Oil Company, reported a total production in 1937 of 5,857,356 barrels, the largest since 1927.

Robert T. Kennedy has been made assistant to the vice-president of the Sherwood Petroleum Company, Brooklyn. Mr. Kennedy formerly managed the Chicago office.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was also unchanged.

	Jan. 14	Jan. 7	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.322	$1.322	$1.276
Gasoline prices at refineries (at four refining centers) per gallon.....	.0525	.0525	.0534375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S WHITE OILS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-Jan. 15	1937 Jan. 1-Jan. 15
Commercial crude oil production	51,264,000	46,555,000
	Week ended Jan. 15, 1938	Week ended Jan. 16, 1937
Daily average production	3,413,000	3,101,500
	Week ended Jan. 8, 1938	Week ended Jan. 1, 1938
Estimated motor fuel stock total	79,331,000	*77,429,000
Estimated finished motor fuel stock at refineries	48,024,000	46,296,000

* Revised.

Petroleum Solvents, Lubricants. Fuels

Fuels and Solvents

—*Continued from page 51*

10c. per barrel last week. The price was lowered to $2.10 per barrel and was retroactive to January 1. This is the first movement in Diesel prices for some time. Bunker C oil continued in an unchanged position. While tankcar prices for Nos. 2, 3 and 4 domestic heating oils continued unchanged there was still some weakness in the retail markets.

Lubricating Oils.—The major companies were reported to have been buying in the Pennsylvania market and things appeared slightly stronger. Regular pour grades of bright stock were around 19c. per gallon, including tax, albeit most refiners quoted the market at 20c. per gallon. More than one refiner expressed the belief that prices current would represent the "bottom" for the current movement.

Markets at Other Centers

Chicago, Jan. 13.—Tankcar petroleum markets continued divided sharply between easiness and spottiness in gasoline and strength and near-scarcity in the good grades of heating products. Both are attributed mainly to seasonal considerations. Gasoline consumption has suffered considerately by reason of weather conditions in the general interior territory. There are irregular offerings. Distillates, range oil etc., are bought readily, with stocks showing rapidly diminishing totals. Kerosene also is held firm. Heavy fuel oils are decidedly a drug on the market, and are offered freely. Lubricating oil is still unsettled and irregularly easy, with buyers hesitant to stock up at this time.

GASOLINE.—Low octane motor, 4c. to 4¼c. per gallon; 63-66 octane motor, 4¼c. to 4½c.; 67-69 octane motor, 4⅝c. to 5c.; 70-72 octane motor, 5c. to 5¼c.; 60-62, low octane, 4c. to 4¼c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅜c. to 4⅝c. per gallon; 41-43, water white 4⅛c. to 4⅜c.

FURNACE OIL.—No. 1 white, 4½c. to 4¼c. per gallon; No. 1 straw, 3⅞c. to 4c.; No. 2 straw, 3¾c. to 4c.; No. 2 dark, 3⅝c. to 3⅞c.; No. 3, 3½c. to 3⅝c.; 32-36, dark, industrial gas oil, 3c. to 3½c.

FUEL OIL.—No. 4, $1.10 to $1.15 per barrel; No. 5, 80c. to 90c.; No. 6, 72½c. to 80c.

New Orleans, Jan. 12.—The domestic market continued to hold its own during the past week with quotations remaining at a steady level. Foreign inquiries and exports were good. U. S. motor gasoline was quoted at 5½c.; U. S. motor below 62 octane at 5½c.; 63-67 octane at 5⅞c. and 68-70 octane at 6⅜c.—all basis refinery.

Kerosene was quoted at an unchanged price of 7⅝c. per gallon at refinery.

Bunker C fuel oil demand was good at a quoted price of 95c. per barrel at terminal and $1 per barrel delivered alongside; Industrial plants were quoted on a basis of $1.46 per barrel, delivered.

Obituaries

Dr. Abraham Henwood

Dr. Abraham Henwood, former chairman of the Philadelphia section of the American Chemical Society, and a member of the faculty of the Central High School, Philadelphia, died January 9 after a brief illness. He was sixty-six years old.

Born in Philadelphia, Dr. Henwood was educated at Girard College and the University of Pennsylvania, graduating from the university in 1901 and receiving a Master of Science degree there in 1916. He was a recipient of an honorary degree of Doctor of Science from Muhlenberg College. He had been professor at Drexel Institute from 1905 until this country entered the World War, when he was assigned to the research department of the Hercules Powder Company to experiment on the fixation of nitrogen. Dr. Henwood headed the department of chemistry at Haverford College for a short time after the war and then joined the Central High School staff. From 1919 to 1930 he was member of the faculty of Hahnemann Medical College. He was a member of the Franklin Institute and a fellow of the American Association for the advancement of Science.

Survivors include a son, a daughter and a brother.

William Schongalla

William Schongalla, president of A. R. Haeuser & Co., for many years identified closely with the paint, shellac, and varnish business, Brooklyn, was accidentally killed by a shotgun on January 12 at Greenburgh, N. Y. He was sixty-four years of age.

Mr. Schongalla had been on a hunting trip on his ten-acre estate, known as Worthington. Leaving the house early in the morning, he failed to return and a search resulted in the body being found at 3:15 in the afternoon. According to the medical examiner, who rendered a verdict of accidental death, it appeared that while climbing either over or through a wire fence not far from his residence, the trigger of his gun was fouled, causing the discharge that resulted in his death.

Surviving are Mrs. William Schongalla and two sons.

John T. Cochrane, president of the Coastal Petroleum Company, died at his home in Mobile, Alabama, January 12. He was sixty-four years old. Surviving are his wife and two sons by his first marriage. Mr. Cochrane's first wife died in 1922.

Henry Addison Dewey, president of the Henry A. Dewey Company, drug importers, this city, died at the home of his daughter in North Pelham, N. Y., January 11. He was eighty-eight years old. Surviving are two daughters and a son.

William C. Hopkins, secretary of the H. V. Walker Company, nitrocellulose products, Elizabeth, N. J., died unexpectedly in a Newark hospital January 9. He was fifty-five years of age. Mr. Hopkins had been secretary of the Walker company for seven years. He is survived by his wife and five daughters.

W. J. Parker, jr., president of W. J. Parker Company, manufacturer of druggists' sundries, Baltimore, died at his home January 12, after a brief illness. He was fifty-one years old. His wife survives.

Plaut to Report Endowment Plans for Pharmacy College

Dr. Walter A. Bastedo, chairman of the board of transtees of the United States Pharmacopoeial Revision Committee, will be the guest-speaker at the stated meeting of the College of Pharmacy of Columbia University January 18 at 8 p.m. in the college building, this city.

Dr. Edward Plaut, chairman of the board of trustees of the college, will preside at this meeting and will report on the organization and plans of the endowment fund committee. Several substantial subscriptions to this fund have already been received, even though the project is in the initial stage. There appears to be a realization that a limitation of matriculants by the college is a real factor in the future of pharmacy, however, the sentiment is that the restriction must not lead to inadequate instruction and that to this end a supplemental income is necessary.

UNIFORMITY

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Fertilizer Materials

Sustained Interest in Organics—Mixed Goods Prices Meet Resistance —1937 Tag Sales Were 5,849,789 Tons in 17 States

Buying interest in the organic materials was sustained through last week. Trading in these materials livened immediately after the turn of the year and prices have been strengthening steadily on the improved turnover. Whether or not this improvement will have sufficient potency to influence the chemical materials to greater activity is a moot question. At the moment, it seems doubtful what with reports of cancellation of orders for chemical materials as the trade reluctantly yields to the belief that consumption this season will more likely be 25 percent off from a year ago rather than about 15 percent as had been estimated earlier. The latter part of January usually witnesses the start of a seasonal movement of mineral amparative data for preceding years, are contained in the accompanying table.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, Chicago, 10c. per unit-ton.
Fish meal, Japanese sardine, 50c. per ton.
Tankage, dom., Chicago, feed grade, 5c. per unit-ton.
New York, ground, unground, 10c. to 15c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	66.7	66.7	64.0

Market news that may have developed after this report was sent to press will be found on page 4.

moniates, particularly nitrate of soda, into buyers' sheds. However, there are reports that the fertilizer producers were meeting with resistance to the prices they have issued and such a condition usually indicates that consumer buying will be late. Wherever they have been increased over last season, mixed goods' prices take into account the raised cost of all three of the principal elements of plant food to say nothing of higher labor costs this year. Yet, whenever fertilizer prices are increased the buyers think it unjustifiable and usually refrain from making purchases until the time comes when the material is desperately needed.

The National Fertilizer Association's tabulation of fertilizer tax tags sold in seventeen states showed 1937 sales at the equivalent of 5,849,789 tons against 4,793,775 tons in 1936, and 4,321,583 tons in 1935; sales in the 12 Southern States were 5,312,094 tons against 4,310,612 tons in 1936, and 3,961,288 tons in 1935. Details of 1937 sales and those for December of that year, together with com-

Ammoniates

Nitrate of Soda.—Orders for deliveries against contracts have not shown much improvement yet but it was expected that things would liven toward the end of this month or the first part of February. Prices continued in a steady position at the levels that have been in force for some time. November imports of Chilean nitrate totaled 23,966 short tons for a total of 641,603 short tons for the first 11 months of the year against 482,070 short tons in the same months of 1936. Exports of "other nitrogenous chemicals"—interpreted as being chiefly nitrate of soda—totaled 11,397 short tons in November, for a total of 130,482 short tons for the first 11 months of 1937 against 128,202 tons in the same months of 1936.

Sulphate of Ammonia.—The rate of steel mill operations continued to register improvement last week reaching 27.8 percent of capacity, compared with only 19.8 percent in the final week of 1937. Improved coke operations was better than what had been expected for January but further gain in the production rate will be necessary to satisfy the needs of the market. The smaller and intermediate-sized buyers have not been very active in the market yet. November imports totaled 13,339 short tons for a total of 86,377 short tons for the first 11 months of 1937 against 168,958 tons in the same months of 1936; November exports were 15,103 short tons for a total of 79,211 tons for the first 11 months of the year against 118,440 tons for the same months of 1936.

Dried Blood.—The New York market was firm at $3 per unit and further sales at that basis were reported last week. There is not very much material offered. The Chicago market advanced to the basis of $3.10 to $3.15 per unit, a boost of 10c. over the preceding week's lowest offering price. Imported material for January shipment continued firm at $3.35 per unit for January shipment from abroad.

Fish Scrap.—Japanese sardine meal was higher last week. Shipment prices for January-February position were advanced 50c. per ton to the basis of $47 to $47.50 per ton, according to seller. The spot and nearby market was higher also with $46.50 per ton named for spot in New York and $47.50 for nearby arrivals with $48 per ton quoted in Baltimore for spot stuff.

Nitrogenous Materials.—Although the competing organics have been strengthening, there has been no change reported in the position of domestic or foreign materials.

Tankage.—The New York market was higher with $2.90 and 10c. per unit-ton named for either ground or unground. In the case of ground material, this figure represented an advance of 15c. per unit-ton while unground was 10c. higher. Fertilizer grade in Chicago remained unchanged at $2.75 and 10c. per unit-ton while the feeding grade was quoted at $3.15 and 10c. per unit-ton, a boost of 5c. over the preceding week's price.

Potashes

Potash materials for agricultural use continued in the quiet and undisturbed groove that they have occupied for the past several weeks. Imports of muriate and 20 percent kainit continued to run heavier than the 1936 imports of these two potash salts. The imports of muriate for the first 11 months of the year were 361,297 short tons against 181,661 tons in the same months of 1936, while the imports of 20 percent kainit were 104,787 short tons against only 38,936 tons in the same period of 1936. Sulphate of potash imports were 82,462 short tons against 48,122 short tons; manure salts 30 percent ran to 37,147 tons against 31,783 tons; and magnesia sulphate imports for the first 11 months of 1937 were 19,699 short tons against 8,201 tons in the same months of '36.

Phosphates

Phosphate materials continued in light request last week. Superphosphate movements from the manufacturing points have been very light and the trade's interest in bone products was negligible. There were no changes reported in the prices last week.

Bone Materials. — Domestic bone products in Chicago were unchanged in price, having shown no further weakness following the price reductions of recent weeks. There was no interest from the buying side of the market.

Superphosphate. — The Baltimore market continued in a steady position but there was very little call for material at this time.

Sulphur and Pyrites

The improved rate of industrial operations since the beginning of the new year has evidenced itself in a livelier interest in sulphur. Acid manufacturers' calls for deliveries were somewhat broader. Of course, many waterfront plants in the interior have their entire Winter supply piled up as they usually do but some of those that are able to take deliveries at any time of year have shown a little more purchasing interest than they did some weeks ago.

Markets at Other Centers

Atlanta, Jan. 13.—Except for an improved outlook the situation in the fertilizer material market does not yet show any marked change. The organic ammoniate situation is changing with the upward trend of cottonseed meal which is up 50c per ton this week to $23.50 per ton.

In the Southern part of the cotton belt it is reported that conditions are favorable for preparation of the land and that rapid progress is being made while in the upper part of the belt very little has been done. Reports indicate that an increase of tobacco acreage is in prospect.

Quotations of most materials offered in this market were the same as a week ago and are as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, f.o.b. ports.

SULPHATE OF AMMONIA.—$29 per ton, ports.

COTTONSEED MEAL.—$23.50 per ton, interior mill points.

NITROGENOUS.—$2.15 per unit, midwest; $2.60, port basis.

BLOOD.—$3 to $3.10 per unit, Chicago.

TANKAGE.—$2.75 to $2.85 and 10c. per unit, Chicago.

BONE.—Ground, steam bone, 3 and 50, $19 to $21 per ton, Chicago.

Baltimore, Jan. 13.—The last week resembled preceding periods of the past month or two in that it was characterized by extreme quiet with trading reduced to a minimum. Quotations were for the most part nominal. The prevailing figures ranged about as follows:—

FISH SCRAP.—Some of unground menhaden has been offered at $3.70 and 10c. per unit-ton, at resale, with no takers. Domestic fish meal was quoted at $54 per ton, with Japanese sardine meal around $46.50 per ton, c.i.f.

TANKAGE.—$2.75 and 10c. per unit-ton, f.o.b., for unground, and $3 and 10c. for ground stocks, c.a.f. basis Baltimore.

BLOOD.—$3 per unit-ton, c.a.f. basis Baltimore.

SUPERPHOSPHATE.—With a lack of special incentives to take up this item, the trading has been very slow, but the figures mentioned have shown continued steadiness at $8.50 per ton for run of pile and $9 per ton for 16 percent guaranteed.

GARBAGE TANKAGE.—Quotations are still around $8 to $8.50 per ton at shipping points, which makes the market here about $12 per ton.

BONE.—$22 per ton for 1 and 60 bone flour; $26 to $27 per ton for 3 and 50 ground steamed, and $29 per ton for 4½ and 45 raw, all on a c.i.f. basis.

Chicago, Jan. 13.—Buying of various grades of fertilizer materials has been quiet and along entirely conservative lines. The tone of the market was dull. Purchases reflect buyers' wishes to stay on the safe side and not to over-extend themselves. Prices of blood and most other grades of material are changed little, if at all. Trend is toward slightly lower price levels in a few cases, slightly higher in others. Tankage is purchased moderately. Bone materials are ruling slow and mixed in price trends, with most buying in that division made up of limited quantities.

BLOOD.—Principal grade, $3.10 to $3.15 per unit of ammonia.

TANKAGE.—High grade, ground, $2.75 to $2.80 and 10c.; low grade; $15 to $16; liquid stick, $2.50 to $2.60; hoof meal, $3.25 to $3.35.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $18 to $19; 3 and 50 percent, $19 to $21; 4½ and 50 percent, $26 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40, mostly nominal; cattle jaws, skulls and knuckles, $16 to $18; pork cracklings, soft pressed, $35 to $40; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 60c. to 65c.

San Francisco, Jan. 12.—With but little possibility that the stocks on hand of fish meal will be added to materially during the balance of the current fishing season, this material picked up last week and on a buying demand, the market rose quickly from $37.50 to $43 per ton. The southern California market also marched quickly upwards. The demand came from the Middle West, it was said. Poor production lately and the prospects of but little more meal to be placed on the market accounted for the rise. Some of the sardine plants are already closing for the season. Elsewhere, organics were in good demand.

Fertilizer Tag Sales: 1937

	Equivalent tons*							
	December				Calendar years			
	P.C. of 1936.	1937.	1936.	1935.	P.C. of 1936.	1937.	1936.	1935.
South—								
Virginia†	64	6,362	10,021	9,218	114	440,430	386,474	378,536
North Carolina	142	70,165	49,317	31,980	119	1,236,564	1,038,920	1,000,000
South Carolina	70	14,310	20,382	9,888	123	771,198	626,446	613,561
Georgia	126	13,245	10,472	2,600	127	866,360	684,522	617,439
Florida†¶	99	67,720	68,465	50,926	113	579,399	512,577	418,239
Alabama	642	8,350	1,300	5,500	135	629,260	467,700	422,400
Mississippi	16	861	5,364	7,000	136	325,320	239,027	214,015
Tennessee†	..	.....	167	.....	120	141,325	117,305	96,444
Arkansas‡	14	500	3,500	1,000	140	68,675	48,931	39,630
Louisiana†	29	1,650	5,750	3,390	134	157,318	117,106	92,532
Texas†	55	1,785	3,240	2,305	136	89,400	65,549	61,802
Oklahoma	..	.....	.....	.....	113	6,845	6,055	6,619
Totals, South	104	184,948	177,978	123,807	123	5,312,094	4,310,612	3,961,288
Midwest—								
Indiana	..	813	31	94	108	275,088	254,118	194,946
Illinois	..	1,112	75	.....	137	47,764	34,895	25,151
Kentucky	..	.....	.....	40	131	117,078	89,392	73,502
Missouri	65	58	90	.....	88	82,498	93,588	59,398
Kansas	33	10	30	.....	137	15,267	11,170	7,298
Totals, Midwest	881	1,993	226	134	111	537,695	483,163	360,295
Grand totals	105	186,941	178,204	123,941	122	5,849,789	4,793,775	4,321,583

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 61,300 tons of cottonseed meal for January-December combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

¶ Includes 65,900 tons of phosphatic and lime materials for January-December, 1937.

(Compiler by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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Tankage and blood were active, as was bone. There was but little of moment, however, in chemical materials. Mixers are getting their contracted goods but just lately they have been wondering somewhat about the way the consuming market sizes up. Some of them have been experiencing a pretty slow period, but spring delivery orders should be showing up shortly.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton; bulk lots $27 per ton, all ex vessel, San Francisco/Oakland.

SULPHATE OF AMMONIA.—Sellers of Pacific Coast and Canadian production of sulphate of ammonia have been out of the market.

SUPERPHOSPHATE.—Domestic, 75c. to 80c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay; bags, 80c. to 85c. per unit. Foreign material nominal.

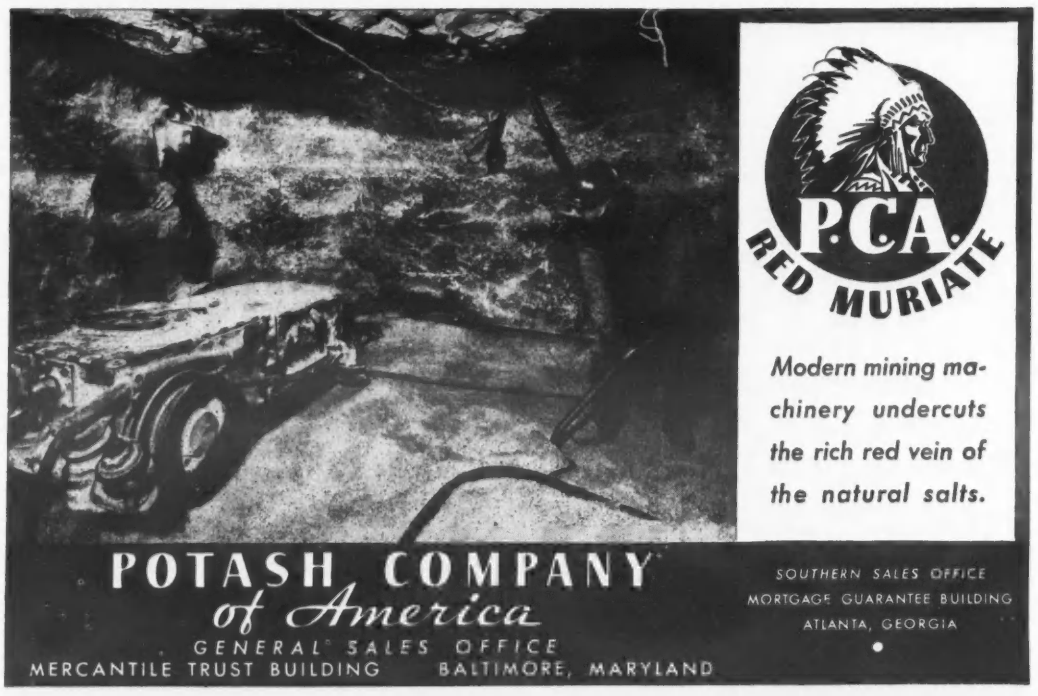
AMMONIA PHOSPHATE.—Quoted at $42 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is stronger, having advanced last week to $43 per ton, f.o.b. cars, San Francisco/Monterey/Los Angeles. Demand is brisk.

TANKAGE.—Domestic packing house tankage, ground, high grade, quoted at $3.00 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Lower grades, unground, quoted at $2.60 and 10c. Dry rendered, ground, quoted at 70c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c.

BLOOD MEAL.—Domestic, $2.90 to $3.00 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic and imported steamed bone meal, quoted in range, according to seller and quality, at $27 to $32 per ton, delivered Pacific Coast ports.



Chilean Nitrate Sales Corp. Building Depot at Norfolk

The Chilean Nitrate Sales Corporation, this city, has signed contracts calling for the building of new warehouses, dock facilities and railroad sidings at the seaport of Norfolk, Va., at a cost in excess of $200,000.

The new warehouse will have a storage capacity of 30,000 tons and will be equipped with the most modern machinery for handling, screening and bagging natural nitrate of soda. The land on which the buildings will be situated, comprises approximately ten acres located on the southern branch of the Elizabeth River, near the toll-free highway bridge, at the port of Norfolk.

Southern States Cooperative has appointed T. K. Wolfe, Richmond, to manage its fertilizer operations.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, CRESYLIC—20 dms, Monsanto Chemical Co, Antonia, Liverpool
25 dms, Antonia, Liverpool
GALLIC—9 cks, 1,588 lbs, Riedel de Haen, Hansa, Hamburg
ADEPS LANAE—24 dms, Th Goldschmidt Corp, Bilderdijk, Rotterdam
ALBUMEN, BLOOD—10 cs, 2,587 lbs, American Cyanamid & Chemical Co, Washington, Hamburg
6 cks, Morningstar Nicol, Hansa, Hamburg
EGG, HEN—22 cs, Barber S S Line, Norden, Kobe
26 cs, Melchers & Co, Grete Maersk, Shanghai
ALCOHOL, ISOPROPYL—1 cs, Stanco, Inc, Hansa, Hamburg
ALUMINUM LEAF—121 cs, Rohner, Gehrig & Co, Europa, Bremen
AMMONIA, OXALATE—50 cks, 12,438 lbs, E I Du Pont de Nemours Co, Black Osprey, Rotterdam
PERSULPHATE—5 cks, Manahan Chemical Co, Bilderdijk, Rotterdam
SULPHATE—250 bgs, Bradley & Baker, Bilderdijk, Rotterdam
ANISE, STAR—100 bgs, Grete Maersk, Canton
ANNATTO SEED—150 bgs, Andean Trading Co, Guayaquil, South American Ports
ANTIMONY ORE—1,602 bgs, Watson, Geach & Co, Santa Lucia, Antofagasta
ARTISTS MATERIAL—3 cs, Winsor & Newton, Aquitania, Southampton
ASBESTOS—200 bgs, Standard Bank South Africa, H S Grove, Capetown
ASPHALT—1,013 cakes, Hansa, Bremen
43 cs, Rohner, Gehrig & Co, Ile de France, Havre
BABASSU KERNELS—8,701 bgs, General Foods Corp, Bonheur, Maranham
BANANA POWDER—41 bgs, Sanaban Corp, Musa, Porto Cortes
BARK, MEDICINAL—1 bl, J L Hopkins & Co, Hansa, Hamburg
BAY RUM—1 bbl, Emilio Fiol, Ponce, Ponce
DENATURED—50 bbls, Hudson Tea & Spice Co, Rosario, San Juan
BERRIES, MEDICINAL—36 bgs, J L Hopkins & Co, Scanstates, Gdynia
BLUE, BERLIN—5 bbls, Fezandie & Sperrle, Tonsbergfjord, Rotterdam
BOLDO LEAVES—25 bls, Duncan Fox & Co, Santa Lucia, Valparaiso
BONE MEAL—1,654 bgs, Hansa, Hamburg
BRISTLES — 105 cs, Philadelphia National Bank, Kinai, Tientsin
65 cs, Bank of London-South America, Kinai, Tientsin
225 cs, Guaranty Trust Co, Kinai, Tientsin
96 cs, Kinai, Tientsin
60 cs, Corn Exchange Bank, Kinai, Tientsin
6 cs, F H Cone & Co, Norden, Kobe
30 cs, Barber S S Line, Norden, Kobe
22 cs, Globe Shipping Co, Hansa, Hamburg
24 cs, Polack Co, Tonsbergfjord, London
3 cs, Rosenhirsch Co, Sarcoxie, Havre
50 cs, N Wagman Co, Grete Maersk, Hongkong
30 cs, N Wagman Co, Grete Maersk, Kobe
20 cs, Grete Maersk, Kobe
40 cs, Corn Exchange Bank, Nojima, Tientsin
BRONZE POWDER—14 cs, Heemsoth-Kerner Corp, Washington, Hamburg
30 dms, Rohner, Gehrig & Co, Hansa, Bremen
2 cs, B F Drakenfeld & Co, Hansa, Bemen
5 cs, 5 dms, R F Downing & Co, Hansa, Bremen
5 cs, Hamilton Forwarding Co, Europa, Bremen
CALCIUM TARTRATE—300 bgs, Exermont, Algiers
CAMPHOR, REFINED—5 cs, Kinai, Kobe
CANARY SEED—1,000 bgs, A G Dunn, Exmouth, Tekirdag
200 bgs, H S Cramer Co, Exmouth, Tekirdag
1,350 bgs, Exmouth, Tekirdag
CARAWAY SEED—200 bgs, 22,000 lbs, C M Van Sillevoldt, Bilderdijk, Rotterdam
150 bgs, 16,500 lbs, I Grob & Co, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Bilderdijk, Rotterdam
300 bgs, 33,000 lbs, M Witsenburg, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, Importers Comm Co, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, N C Littauer, Bilderdijk, Rotterdam
200 bgs, 22,000 lbs, Black Osprey, Rotterdam
125 bgs, 13,750 lbs, E E Marks & Co, Black Osprey, Rotterdam
CARBON DECOLORIZING — 730 bgs, Corn Product Refining Co, Maria, Venice
CARDAMOM—40 cs, Volkart Bros, Silveryew, Colombo
CASSIA — 100 bls, Irving Trust Co, Grete Maersk, Hongkong
35 bls, S L Jones & Co, Grete Maersk, Hongkong
136 bls, Wah Young Co, Grete Maersk, Hongkong
500 bls, A G Dunn, Grete Maersk, Hongkong
600 bls, Royal Bank of Canada, Grete Maersk, Hongkong
CASTOR BEANS—2,547 bgs, Spencer Kellogg & Sons, Culberson, Bahia
1,700 bgs, National City Bank, Culberson, Bahia
1,700 bgs, Blue Point Corp, Culberson, Bahia
3,420 bgs, Berkshire Chem Co, Culberson, Bahia
7,740 bgs, Culberson, Bahia
3,400 bgs, Baker Castor Oil Co, Bonheur, Brazil
3,400 bgs, L Dreyfus & Co, Bonheur, Brazil
3,400 bgs, Bonheur, Brazil
597 bgs, Gillespie & Co, Amazone, Curacao
CHALK, COMMON—818 bgs, R L Watkins & Co, Ausonia, London
61 bgs, 8 cks, Premier Shipping Co, Ausonia, Southampton
CHAMOIS SKINS—5 cs, American Sponge & Chamois Co, Washington, Havre
1 cs, Chase National Bank, Ile de France, Havre
1 cs, Corn Exchange Bank, Ile de France, Havre
CHEMICALS—20 cs, 15 bbls, Bergstrom Trading Co, Svaneholm, Gothenburg
6 bbls, 6 cs, Universal Carloading & Distr Co, Svaneholm, Gothenburg
13 cks, Chemical Marketing Co, Bilderdijk, Rotterdam
19 bbls, 102 dms, Innis, Speiden & Co, Bilderdijk, Rotterdam
100 cks, Hummel Chem Co, Bilderdijk, Rotterdam
CHEMICALS—3 dms, Th Goldschmidt Corp, Bilderdijk, Rotterdam
1 cs, 1 ck, 4 cbys, Merck & Co, Bilderdijk, Rotterdam
25 cks, Bilderdijk, Rotterdam
8 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
1,016 bgs, Advance Solvents & Chem Co, Hansa, Hamburg
680 bgs, Sherka Chem Co, Hansa, Hamburg
5 cs, Schimmel & Co, Hansa, Hamburg
7 cs, Sandoz Chem Works, Hansa, Hamburg
25 dms, Pfaltz & Bauer, Hansa, Hamburg
8 bbls, 94 cs, 20 cks, 110 dms, Hansa, Hamburg
6 dms, E I du Pont de Nemours Co, Hansa, Bremen
24 cks, 5 dms, 8 cs, Pfaltz & Bauer, Hansa, Bremen
1 ck, Stanley Doggett, Hansa, Bremen
150 bgs, Innis, Speiden & Co, Hansa, Bremen
49 cks, 9 cs, 20 bgs, Hansa, Bremen
2 cs, Sandoz Chem Works, Europa, Bremen
5 cks, Stanley Doggett, Europa, Bremen
5 cs, Europa, Bremen
10 cks, Chemical Marketing Co, Black Osprey, Rotterdam
22 cks, Fred A Kertess, Black Osprey, Rotterdam
150 djhns, Black Osprey, Rotterdam
25 cks, Jungmann & Co, Black Osprey, Rotterdam
1 cyl, Advance Solvents & Chem Co, Black Osprey, Rotterdam
100 cks, Royal Bank of Canada, Black Osprey, Antwerp
187 cks, H S Dorf & Co, Black Osprey, Antwerp
15 bgs, Concentrate Mfg Corp, Ile de France, Havre
70 cks, Central Trading Corp, Ile de France, Havre
4 cs, G J Wallau, Ile de France, Havre
2 cs, Hoffman La Roche, Ile de France, Havre
1 cs, Pfaltz & Bauer, Ile de France, Havre
4 dms, 1 cs, W F Eissing, Black Heron, Rotterdam
13 cks, Philip Bauer Co, Black Heron, Rotterdam
508 dms, A P Miller Supply Co, Black Heron, Rotterdam
1,000 bgs, 120 dms, Black Heron, Rotterdam
75 dms, American Cyanamid & Chem Co, Black Heron, Rotterdam
50 kgs, Nojima, Moji
PHOTO—1 cs, Inter Maritime Forwarding Co, Hansa, Hamburg
CHROME ORE—246 tons, 11 cwt, Bowring & Co, New Texas, Freetown
2 bgs, W H Muller & Co, Seatrain Havana, Havana
1,704 tons, 1 cwt, 3 lbs, E J Lavino & Co, Henry S Grove, Lourenco Marques
2500 tons, Henry S Grove, Beira
CINCHONA, PRODUCTS—31 cs, R W Greeff & Co, Bilderdijk, Rotterdam
CINNABAR—3 bbls, 1 cs, A Hurst & Co, Exermont, Leghorn
CLAY—166 cks, A Hurst & Co, Black Heron, Rotterdam
BLUE—92 cks, Milton Greenebaum, Black Osprey, Rotterdam
CLOVES—800 bls, Henry S Grove, Zanzibar
112 bgs, J F Frank, Tabinta, Amboina
COALTAR INTERMEDIATES—9 dms, 53 cks, 25 bottles, General Dyestuff Corp, Bilderdijk, Rotterdam
15 dms, Sandoz Chem Works, Hansa, Hamburg
1 ck, Sandoz Chem Works, Europa, Bremen
1 cn, 1 cs, General Dyestuff Corp, Europa, Bremen
PRODUCT—2 dms, General Aniline Works, Bilderdijk, Rotterdam
COCA LEAVES—197 cs, Merck & Co, Beemsterdijk, Rotterdam
COCOA BEANS—2,100 bgs, Curacao Trading Co, San Juan, Macoris
68 bgs, Schutte & Focke, San Juan, Barahona
1,000 bgs, M Golodetz, Culberson, Bahia
1,000 bgs, I Watkins & Co, Culberson, Bahia
1,250 bgs, Guaranty Trust Co, Culberson, Bahia
3,000 bgs, Nieschlag & Co, Culberson, Bahia
1,500 bgs, Willard, Hawes & Co, Culberson, Bahia
1,000 bgs, Wessel, Kulenkampf & Co, Culberson, Bahia
7,000 bgs, J Aron & Co, Culberson Bahia
1,000 bgs, Culberson, Bahia
45 bgs, W R Grace & Co, Santa Lucia, Guayaquil
750 bgs, Santa Lucia, Guayaquil
375 bgs, Fruit Dispatch Co, Chiriqui, Havana
707 bgs, Curacao Trading Co, Cosmo, Trujillo
500 bgs, Royal Bank of Canada, Almena, Trujillo
500 bgs, Almena, Trujillo
600 bgs, National City Bank, Almena, San Pedro
3,500 bgs, Irving Trust Co, Almena, Sanchez
758 bgs, Royal Bank of Canada, Almena, Sanchez
1,500 bgs, Almena, Sanchez
375 bgs, Royal Bank of Canada, Almena, Puerto Plata
191 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
250 bgs, Almena, Puerto Plata
20 bgs, Mecke & Co, Amazone, Maracaibo
120 bgs, Struller & Wood, Amazone, Curacao
130 bgs, Transmarine Merc Corp, Amazone, Curacao
300 bgs, Amazone, Curacao
200 bgs, Barclay Bros, Cottica, Trinidad
250 bgs, Machado & Co, Ponce, Puerto Plata
300 bgs, Curacao Trading Co, Ponce, Puerto Plata
1,275 bgs, Curacao Trading Co, Ponce, Sanchez
112 bgs, Gillespie & Co, Ponce, Sanchez
4,000 bgs, J H Schroeder Banking Corp, Fredheim, Ilheos
15,000 bgs, Fredheim, Ilheos
8,000 bgs, J H Schroeder Banking Corp, Fredheim, Bahia
500 bgs, Fredheim, Bahia
1,000 bgs, Nieschlag & Co, Southern Cross, Trinidad
200 bgs, Southern Cross, Trinidad
COCONUTS — 50 bgs, 5,000 lbs, Universal Import & Export Co, Rosario, San Juan
530 bgs, 53,000 lbs, General Foods Corp, Rosario, San Juan
COCONUTS—150 bgs, 15,000 lbs, J Simon & Co, Rosario, San Juan
500 bgs, 50,000 lbs, General Foods Corp, Haiti, Kingston
100 bgs, 10,000 lbs, J Simons & Co, Haiti, Kingston
100 bgs, 10,000 lbs, S Rosen, Almena, Sanchez
500 bgs, 50,000 lbs, I L Toledano Corp, Guayaquil, Cristobal
400 bgs, 40,000 lbs, I L Toledano Corp, Antigua, Kingston
250 bgs, 25,000 lbs, Barclay Bank, Antigua, Kingston
625 bgs, 62,500 lbs, Antigua, Kingston
COCONUT DESIC — 1,500 cs, General Foods Corp, Slemmestad, Manila
615 cs, Durkee Famous Foods, Grete Maersk, Manila
4,210 cs, General Foods Corp, Grete Maersk, Manila
1,137 cs, 563 crtns, Durkee Famous Foods, Grete Maersk, Manila
COLORS — 5 cs, Milton Snedeker Corp, Hansa, Hamburg
90 dms, Hensel Bruckmann & Lorbacher, Hansa, Hamburg
1 cs, B F Drakenfeld & Co, Antonia, Liverpool
DRY — 1 ck, Stanley Doggett, Bilderdijk, Rotterdam
EARTH — 12 bbls, 1 cs, Ozalid Corp, Hansa, Bremen
COPAIBA BALSAM — 10 cs, 1,000 lbs, Dodge & Olcott Co, Haiti, Cristobal
COPPERAS — 200 kgs, 21 tons, 1 cwt, 1 qtr, 20 lbs, Robinson-Wagner Co, Guido, Newcastle-on-Tyne
CORIANDER SEED — 72 bgs, Hansa, Hamburg
CORK, WASTE — 210 bls, H Suhl, Exermont, Lisbon
500 bls, Manufacturers Trust Co, Exermont, 540 bls, H Suhl, Maria, Algiers
WOOD — 10 bls, H Suhl, Exermont, Lisbon
215 bls, Exermont, Lisbon
125 bls, H Suhl, Maria, Algiers
CUTTLEFISH BONES—204 cs, Maria, Palermo
DERRISROOT EXTRACT—1 cs, Stanco, Inc, Hansa, Hamburg
DEXTRIN—15 bgs, A Hurst & Co, Hansa, Hamburg
DOGWOOD BARK—70 bgs, J L Hopkins & Co, Antigua, Kingston
DYES, ALIZARIN—29 jugs, 51 cks, 5 dms, General Dyestuff Corp, Bilderdijk, Rotterdam
3 cks, General Dyestuff Corp, Europa, Bremen
ANILIN—14 bbls, Ciba Co, Washington, Havre
5 cs, 11 dms, 149 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
3 cks, Hansa, Hamburg
1 dm, Sandoz Chemical Works, Hansa, Hamburg
2 pkgs, General Dyestuff Corp, Hansa, Hamburg
4 cks, 1 pkg, General Dyestuff Corp, Hansa, Bremen
2 dms, Sandoz Chemical Works, Europa, Bremen
28 cks, 2 cs, General Dyestuff Corp, Europa, Bremen
2 bbls, Ciba Co, Ile de France, Havre
24 pkgs, Geigy Co, Ile de France, Havre
44 kegs, Carbic Color & Chemical Co, Ile de France, Havre
DYESTUFF—2 dms, National Aniline & Chemical Co, Kinai, Kobe
EGG YOLK, HEN—112 cs, Grete Maersk, Hongkong
ERGOT—30 cs, 4,620 lbs, Eli Lilly & Co, Exermont, Lisbon
EUPHORBIA — 18 bls, President Harrison, Madras
FERTILIZER, NITRATE PHOSPHATE—600 bgs, Synthetic Nitrogen Product Corp, Ilstenstein, Antwerp
FILTER MASS—90 bls, A W Fenton & Co, Hansa, Bremen
MATERIAL—25 bls, F Bing, Black Heron, Rotterdam
PAPER—15 cs, H Reeve Angel & Co, Ausonia, Southampton
82 bls, J Manheimer, Aquitania, Southampton
FLAXSEED—14,235 bgs, 31,317 bus, Bunge North American Grain Co, Bonheur, Rosario
4,130 tons, 165,200 bus, Bunge North American Grain Co, Bonheur, Rosario
408 tons, 16,320 bus, Bunge North American Grain Co, Southern Cross, Rosario
1,580 bgs, 3,476 bus, Bunge North American Grain Co, Southern Cross, Rosario
FLEASEED—44 bgs, President Harrison, Bombay
FLORAL WATER—2 cks, Roure Dupont, Excambion, Marseilles
FUR WASTE—5 bls, Mitchell Shipping & Forwarding Co, Hansa, Hamburg
GALANGAL ROOT—11 bls, J L Hopkins & Co, Grete Maersk, Hongkong
GAMBIER—210 bgs, E E Androvette, Silveryew, Singapore
GELATIN—100 bgs, Aries Co, Washington, Havre
POWDERED—26 bbls, 40 cs, International Selling Corp, Ilsenstein, Antwerp
27 bgs, Ilsenstein, Antwerp
SHEET—42 cs, International Selling Corp, Ilsenstein, Antwerp
GINGER ROOT—108 bgs, Superintendence Co, New Texas, Freetown
GLASS, PLATE—92 cs, Globe Shipping Co, Hansa, Hamburg
1 cs, Semon, Bache & Co, Black Osprey, Antwerp
1 cs, Semon, Bache & Co, Ilsenstein, Antwerp
WINDOW—1,498 cs, Vitrea Co, Washington, Hamburg
7 pkgs, Semon, Bache & Co, Hansa, Hamburg
20 cs, Black Osprey, Antwerp
131 cs, Banque Belge pour l'Etranger, Black Osprey, Antwerp
11 cs, Semon, Bache & Co, Ilsenstein, Antwerp
GLUE—14 cs, Rohner Gehrig & Co, Europa, Bremen
145 pkgs, Rex & Reynolds, President Harrison, Marseilles
LIQUID—14 cs, Dunlap Tire & Rubber Co, Antonia, Liverpool
GLUESTOCK, HIDE—424 bgs, American Express Co, Antonia, Liverpool
GLYCERIN—77 dms, Black Osprey, Rotterdam
144 tons, Procter & Gamble Co, Tsuyama, Manila
GRAPHITE—313 bgs, Asbury Graphite Mills, Silveryew, Tamatave
1,050 bgs, Silveryew, Tamatave
GREASE, WOOL—100 dms, Whittam Corp
GUM—4 bgs, Excambion, Marseilles
COPAL — 140 bskts, O G Innes Corp, Tabinta, Roemakai
107 cs, O G Innes Corp, Tabinta, Amboina
GUM, COPAL—21 bskts, Sino Java Hvg, Tabinta, Macassar
120 bskts, O G Innes Corp, Tabinta, Macassar
DAMMAR — 100 cs, G W S Patterson & Co, Palembang, Batavia
50 cs, O G Innes Corp, Palembang, Batavia
200 cs, Chase National Bank, Palembang, Batavia
50 cs, American Cyanamid & Chem Co, Palembang, Singapore
192 bgs, S Winterbourne & Co, Silveryew, Singapore
30 cs, 140 bgs, France, Campbell & Darling, Silveryew, Singapore
50 cs, Sino Java Hvg, Tabinta, Macassar
300 cs, American Cyanamid & Chem Co, Tabinta, Batavia
300 cs, Tabinta, Batavia
100 cs, Gillespie-Rogers-Pyatt Co, Tabinta, Batavia
GAMBOGE — 3 cs, Silveryew, Singapore
INDUSTRIAL — 50 bgs, Innis, Speiden & Co, President Harrison, Marseilles
KARAYA — 132 bgs, Orbis Product Corp, President Harrison, Bombay
67 bgs, A D Isbetcherian, President Harrison, Bombay
266 bgs, National Carloading Co, President Harrison, Bombay
200 bgs, Thurston & Braidich, President Harrison, Bombay
168 bgs, S B Penick & Co, President Harrison, Bombay
MASTIC — 50 cs, Ionian Bank, Excambion, Piraeus
15 cs, Excambion, Piraeus
OLIBANUM — 50 bgs, President Harrison, Bombay
PERILLA — 42 bls, Chicle Development Co, Haiti, Cristobal
SANDARAC — 15 bbls, 5,130 lbs, Exermont, Casablanca
TRAGACANTH — 103 cs, E Meer & Co, Excambion, Beyrouth
GYPSUM, GRD — 250 bgs, C B Chrystal & Co, Guido, Hull
421 bgs, Whittaker, Clark & Daniels, Guido, Hull
HENNA LEAVES — 60 bgs, J L Hopkins & Co, President Harrison, Port Said
HERBS, MEDICINAL — 6 bls, Excambion, Marseilles
12 bls, Hansa, Hamburg
50 bls, Maria, Susak
3 bls, 1 bg, J L Hopkins & Co, Hansa, Hamburg
HOPS—4 bls, Globe Shipping Co, Washington, Hamburg
100 bls, Scanstates, Gdynia
40 bls, R F Downing & Co, Scanstates, Gdynia
53 bls, Hansa, Hamburg
8 bls, Globe Shipping Co, Hansa, Hamburg
50 bls, R F Downing & Co, Hansa, Hamburg
52 bls, Heemsoth, Kerner Co, Hansa, Hamburg
5 bls, Karr, Ellis & Co, Hansa, Hamburg
9 bls, Hansa, Bremen
15 bls, H Reigenberg, Black Heron, Rotterdam
HOREHOUND LEAVES—14 bls, J L Hopkins & Co, Excambion, Marseilles
ILMENITE SAND—8,319 tons, West Point, Port Said
INK, PRINTING—1 cs, 1 dm, Hansa, Hamburg
IPECAC ROOT—21 bgs, Haiti, Cristobal
IRISH MOSS—70 bls, H Reeb, Cherbourg
20 bls, Peek & Velsor, Ile de France, Havre
15 bls, C H Reisig, Ile de France, Havre
150 bls, Ile de France, Havre
IRON ALPHAMETHYLNAPHTHALENE — 1 cs, Hansa, Hamburg
CHLORIDE—150 cks, 65,340 lbs, Philipp Bros, Hansa, Hamburg
OXIDE—40 cks, J Lee Smith & Co, Guido, Hull
4 cks, Stanley Doggett, Bilderdijk, Rotterdam
LACQUER—1 cs, General Aniline Works, Bilderdijk, Rotterdam
LEAVES, MEDICINAL—33 bls, Excambion, Marseilles
59 bls, President Harrison, Marseilles
LICORICE PASTE—152 bgs, 11,418 lbs, S B Penick & Co, Exmouth, Izmir
LITHOPONE—300 cks, Benj Moore & Co, Bilderdijk, Rotterdam
LOCUST BEAN FLOUR—40 bgs, 2,200 lbs, Excambion, Marseilles
KERNELS—20 bgs, 4,470 lbs, Duvekot & Wolff, Excambion, Alexandria
LOOFAH—30 bls, Irving Trust Co, Nojima, Kobe
10 bls, Williams & Wells, Norden, Kobe
LUPULIN—2 cs, Advance Chem Co, Washington, Hamburg
MACE—17 cs, Catz American Co, Tabinta, Banda
35 cs, Catz American Co, Tabinta, Macassar
50 cs, Tabinta, Padang
MAGNESIA—5 cs, Lo Curto & Funk, Conte de Savoia, Genoa
CARBONATE—96 cs, Lo Curto & Funk, Excambion, Genoa
14 cs, 1,988 lbs, American Cyanamid & Chem Co, Washington, Hamburg
50 cs, 25 cks, Schofield-Donald Co, Antonia, Liverpool
HYDRATE—30 cs, Schofield-Donald Co, Antonia, Liverpool
MAGNESITE, CALCINED — 40 bbls, Innis, Speiden & Co, Bilderdijk, Rotterdam
MANGROVE BARK — 5,366 bgs, 425 tons, Henry S Grove, Kilwa Kiswani
EXTRACT—3,930 bgs, 1 cs, Philippine Cutch Corp, President Harrison, Manila
MANNA—25 cs, Maria, Palermo
MATCHES, SAFETY—2,600 contrs, New York Match Co, Svaneholm, Gothenburg
266 cs, Simmons Distr Co, Washington, Hamburg
MEDICINAL PREPS—4 cs, Anglo-French Lab, Washington, Havre
14 cs, S H Pomerance Co, Washington, Havre
75 cs, Beemsterdijk, Rotterdam
2 cs, Burroughs-Wellcome Co, Ausonia, Southampton
8 cs, E Fougera & Co, Ile de France, Havre
MENTHOL—3 cks, 1,273 lbs, Aromatic Prod, Inc, Excambion, Marseilles
10 cs, Corn Exchange Bank, Kinai, Kobe
25 cs, Mitsubishi Shoji Kaisha, Norden, Kobe
50 cs, Goldman, Sachs & Co, Nojima, Otaru
METHYLPOLYETHANOLAMINE — 1 ck, 334 lbs, General Aniline Works, Black Osprey, Rotterdam
MICA—27 cs, E Munsell & Co, Southern Cross, Rio de Janeiro
MILK POWD—24 cs, Nestles Milk Prod, Inc, President Harrison, Marseilles
MINERALS — 2,440 bgs, National Lead Co, Southern Cross, Buenos Aires
MOLASSES—825 tons, W R Grace & Co, Santa Lucia, Salaverry

MUSTARD SEED — 50 bgs, Knickerbocker Mills Co, Scanstates, Gdynia
200 bgs, Charles Gulden, Black Osprey, Rotterdam
200 bgs, Charles Gulden, Black Heron, Rotterdam
MYROBALAN EXTRACT—360 bgs, International Prod Corp, Guido, Hull
NAPHTHALENE—1,000 bgs, Monsanto Chem Co, Bilderdijk, Rotterdom
1,000 bgs, W H Mueller & Co, Bilderdijk, Rotterdam
1,000 bgs, S M Schwarzschild & Co, Black Osprey, Rotterdam
500 bgs, Associated Metals & Minerals Corp, Black Osprey, Rotterdam
400 bgs, F B Bertrand, Black Osprey, Antwerp
1,000 bgs, Monsanto Chem Co, Black Heron, Rotterdam
NUTGALLS — 420 pkgs, Continental Bank Trust Co, Norden, Kobe
NUTMEGS—74 bgs, Tabinta, Padang
OCHER—800 bgs, 40,450 lbs, J H Furman, Excambion, Marseilles
400 bgs, 80 cks, J Lee Smith & Co, Excambion, Marseilles
OIL, ALMOND—35 cs, Excambion, Marseilles
25 cs, 5 cks, Magnus, Mabee & Reynard, President Harrison, Marseilles
BERGAMOT—50 qtr cs, 50 half cs, Lo Curto & Funk, Maria, Messina
CAMPHOR — 56 dms, Mitsubishi Shoji Kaisha, Norden, Yokohama
50 dms, Orbis Product Corp, Grete Maersk, Kobe
30 dms, Guaranty Trust Co, Nojima, Keelung
25 dms, Irving Trust Co, Nojima, Keelung
12 dms, Bank of Manhattan, Nojima, Keelung
10 dms, Nojima, Keelung
5 dms, Guaranty Trust Co, Nojima, Yokohama
CASSIA—5 dms, Geo Lueders & Co, Silveryew, Hongkong
10 dms, Dodge & Olcott Co, Silveryew, Hongkong
5 dms, Magnus, Mabee & Reynard, Grete Maersk, Hongkong
10 dms, Dodge & Olcott Co, Grete Maersk, Canton
CHINAWOOD—500 dms, American Trust Co, Grete Maersk, Hongkong
200 dms, Pacific National Bank, Grete Maersk, Hongkong
153 dms, Irving Trust Co, Grete Maersk, Hongkong
559 dms, Grete Maersk, Canton
266 dms, W R Grace & Co, Grete Maersk, Hongkong
CITRONELLA—20 dms, Palembang, Batavia
12 dms, Tabinta, Batavia
CLOVES—4 dms, President Harrison, Port Said
COCONUT—473 tons, Philippine Refining Corp, Silveryew, Manila
477 tons, Philippine Refining Corp, Silveryew, Cebu
676 tons, Wecoline Product, Inc, Tsuyama, Cebu
109 tons, Pacific Vegetable Oil Corp, Grete Maersk, Cebu
324 tons, Colgate-Palmolive-Peet Co, Grete Maersk, Manila
COD—805 dms, Hansa, Hamburg
CODLIVER—200 dms, United States Line, Washington, Hamburg
940 dms, Chase National Bank, Guido, Hull
863 dms, Brown Bros, Harriman Co, Guido, Hull
100 dms, Beemsterdijk, Rotterdam
75 cs, Schieffelin & Co, Bilderdijk, Rotterdam
398 tons, Bilderdijk, Rotterdam
CORN—240 dms, Corn Product Refining Co, Tuscania, Glasgow
120,000 kilos, Beemsterdijk, Rotterdam
690 dms, Corn Product Refining Co, Black Osprey, Antwerp
ESSENTIAL—5 dms, Rosario, San Juan
17 pkgs, Excambion, Marseilles
59 cs, Washington, Havre
2 cs, Hansa, Hamburg
89 cs, Ile de France, Havre
14 pkgs, Black Heron, Rotterdam
17 pkgs, President Harrison, Marseilles
ETHERIAL—2 cs, Heemsoth, Kerner & Co, Bilderdijk, Rotterdam
FUEL—80,000 bbls, Standard Oil Co of N J, Penelope, Aruba
95,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
52,170 bbls, Asiatic Petroleum Corp, Mantilla, Curacao
GERANIUM—1 dm, Yardley & Co, Ausonia, Southampton
1 ck, A G Mickstadt, President Harrison, Marseilles
17 dms, Henry S Grove, Mombasa
LEMON—50 cs, Geo Lueders & Co, Maria, Messina
50 qtr cs, Lo Curto & Funk, Maria, Messina
LIME—1 dm, Yardley & Co, Ausonia, Southampton
16 cs, Gillespie & Co, Antigua, Kingston
LINSEED—25 dms, Black Heron, Rotterdam
LUBRICATING—105 dms, Ilsenstein, Antwerp
MINERAL—100 dms, Heemsoth Kerner Corp, Hansa, Hamburg
10 bbls, Seven Seas Mercantile Transport Co, Hansa, Hamburg
15 dms, Hansa, Hamburg
OLIVE—39 cs, Express, Palermo
50 dms, E M Sergeant Pulp & Chem Co, Excambion, Piraeus
50 dms, Smith Weihman Co, Excambion, Piraeus
100 dms, Leghorn Trading Co, Excambion, Piraeus
120 cs, Excambion, Piraeus
7 dms, Latorraca Bros, Excambion, Leghorn
75 dms, R Geiber & Co, Excambion, Leghorn
485 cs, 5 dms, Excambion, Leghorn
10 dms, A Germano & Son, Excambion, Genoa
15 dms, A Ferrara & Bros, Excambion, Genoa
1,320 cs, Excambion, Genoa
20 dms, Cooks Food Co, Excambion, Marseilles
50 dms, R U Delapana & Co, Excambion, Marseilles
90 cs, 100 dms, Excambion, Marseilles

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OIL, OLIVE—200 cs, Washington, Hamburg
925 cs, Exermont, Leghorn
75 dms, Bank of Manhattan, Exermont, Algiers
150 dms, Banca di Napoli Trust Co, Exermont, Algiers
3 bbls, 11 cs, Maria, Messina
99 cks, 418 cs, Maria, Palermo
100 dms, Leghorn Trading Co, Maria, Algiers
120 cs, President Harrison, Naples
55 dms, Atlantic & Pacific Tea Co, President Harrison, Genoa
886 cs, President Harrison, Genoa
50 bbls, Banca Commi Italian Trust Co, President Harrison, Marseilles
50 dms, R U Delapana & Co, President Harrison, Marseilles
15 cks, Atlantic Freighting Corp, President Harrison, Marseilles
25 dms, Frank Tea & Spice Co, President Harrison, Marseilles
25 dms, Schroeder Bros, President Harrison, Marseilles
75 pkgs, President Harrison, Marseilles
25 dms, Lekas & Drivas, Conte di Savoia, Genoa
972 cs, 25 dms, Conte di Savoia, Genoa
ORANGE — 12 dms, New Texas, Freetown
PALM — 299 tons, Banques Belge pour l'Etranger, Palembang, Belawan
420 dms, Balfour, Guthrie & Co, Guido, Hull
763 tons, Tabinta, Belawan
PERILLA — 361 tons, Bank of California, Nojima, Dairen
PINE — 4 bbls, Victory Shipping Co, Hansa, Hamburg
PINENEEDLE — 1 cs, Victory Shipping Co, Hansa, Hamburg
RESIDUE — 5 cs, J E Bernard & Co, Hansa, Hamburg
ROSEWOOD — 1 dm, Yardley & Co, Ausonia, Southampton
SASSAFRAS — 71 dms, Norda Essential Oil & Chem Co, Grete Maersk, Kobe
25 dms, Orbis Product Corp, Grete Maersk, Kobe
37 dms, Ungerer & Co, Grete Maersk, Kobe
SAVIN—2 bbls, Victory Shipping Co, Hansa, Hamburg
SPERM — 40 dms, Tuscania, Glasgow
TURBINE—1 cs, Mitsubishi Shoji Co, Kinai, Yokohama
VEGETABLE — 50 dms, Norden, Kobe
YLANG YLANG — 2 cks, Givaudan Delawanna, Excambion, Marseilles
ORANGE PETALS — 20 bls, Europa, Bremen
ORRISROOT — 1 bg, Yardley & Co, Ausonia, Southampton
24 bgs, J L Hopkins & Co, Exermont, Leghorn
54 bgs, Exermont, Leghorn
PAPAIN — 8 cs, McKesson & Robbins, Silveryew, Colombo
PAPRIKA — 25 bgs, Washington, Hamburg
100 bgs, Hansa, Hamburg
70 bgs, 15 cs, H Schoenfeld & Son, Hansa, Bremen
175 bgs, P H Petry & Co, Hansa, Bremen
125 bgs, Hansa, Bremen
PARAFFIN — 3,200 bgs, Asiatic Petroleum Corp, Palembang, Balikpapan
1 cs, Akatos, Inc, Hansa, Hamburg
PATCHOULI LEAVES—77 bls, Bank of Manhattan, Silveryew, Penang
PEATMOSS — 2,255 bls, Premier Peatmoss Corp, Svaneholm, Gothenburg
1,734 bls, K Kretzel, Bilderdijk, Rotterdam
5,441 bls, Premier Peatmoss Corp, Bilderdijk, Rotterdam
1,080 bls, Premier Peatmoss Corp, Black Osprey, Rotterdam
800 bls, Half Moon Mfg & Trading Co, Black Osprey, Rotterdam
625 bls, Premier Peatmoss Corp, Black Heron, Rotterdam
PEPPER—1,083 bgs, Tabinta, Tandjong Priok
WHITE—134 bgs, Palembang, Soengeiliat
250 bgs, Irving Trust Co, Palembang, Soengeiliat
252 bgs, Palembang, Pangkalpinang
172 bgs, Catz American Co, Tabinta, Kota Baroe
172 bgs, Tabinta, Kota Baroe
PETROLEUM, CRUDE—95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
89,000 bbls, Standard Oil Co of N J, E M Clark, Tampico
12,742 tons, Standard Oil Co of N J, Christian Holm, Guiria
PITCH, STEARIN—53 dms, A V Berner & Co, Guido, Hull
140 dms, Guido, Hull
SULPHATE—1 dm, Pulp Sales Corp, Scanstates, Kotka
POPPY FLOWERS—14 bgs, Europa, Bremen
POPPYSEED—200 bgs, 22,000 lbs, Basic Material, Ltd, Scanstates, Gdynia
100 bgs, 11,000 lbs, M Witsenburg, Scanstates, Gdynia
200 bgs, 22,000 lbs, Knickerbocker Mills Co, Scanstates, Gdynia
100 bgs, 11,000 lbs, Wagner Bros Feed Corp, Scanstates, Gdynia
150 bgs, 16,500 lbs, C M Van Sillevoldt, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, J Kane & Son, Bilderdijk, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Black Osprey, Rotterdam
200 bgs, 22,000 lbs, E E Marks & Co, Black Osprey, Rotterdam
POTASH, CARBONATE—32 cks, 23,999 lbs, Innis, Speiden & Co, Hansa, Hamburg
CAUSTIC—20 dms, American Cyanamid & Chemical Co, Hansa, Hamburg
PERCHLORATE—150 cs, Robinson, Wagner Co, Svaneholm, Gothenburg
PRUSSIATE—61 kegs, H H Rosenthal Co, Kinai, Yokohama
PUMICE—109 bgs, C B Chrystal & Co, Express, Canneto
1,540 bgs, C B Chrystal & Co, Exermont, Canneto
605 bgs, J H Rhodes & Co, Exermont, Canneto
3,685 bgs, K F Griffiths & Co, Maria, Canneto
435 bgs, Whittaker, Clark & Daniels, Maria, Canneto
LUMP—5,430 bgs, C B Chrystal & Co, Express, Canneto
56 bgs, C B Chrystal & Co, Exermont, Canneto
11,312 bgs, 5 cks, J H Rhodes & Co, Exermont, Canneto
10 bgs, 3 cks, K F Griffiths & Co, Maria, Canneto
200 bgs, Whittaker, Clark & Daniels, Maria, Canneto
PYRETHRUM FLOWERS—125 bls, McKesson & Robbins, Kinai, Kobe
375 bls, Stanco, Inc, Norden, Kobe
125 bls, J Powell & Co, Norden, Kobe
75 bls, Frank Tea & Spice Co, Norden, Kobe
375 bls, S B Penick & Co, Norden, Kobe
450 bls, J Powell & Co, Norden, Kobe
250 bls, Henry S Grove, Mombassa
250 bls, National City Bank, Nojima, Otaru
QUINCE SEED—11 bls, 2,543 lbs, A D Isbetcherian, Excambion, Beyrouth
RAPESEED—376 bgs, A G Dunn, Norden, Otaru
50 bgs, Hansa, Hamburg
RATANY ROOT—20 bgs, W R Grace & Co, Santa Lucia, Coquimbo
ROOT, MEDICINAL—18 bgs, J L Hopkins & Co, Hansa, Hamburg
54 bls, S B Penick & Co, Black Heron, Rotterdam
ROSIN, CRYSTALIZED — 1 dm, Pulp Sales Corp, Scanstates, Kotka
LIQUID — 1 bbl, Pulp Sales Corp, Scanstates, Kotka
SAGO FLOUR — 360 bgs, Stein, Hall & Co, Silveryew, Singapore
374 bgs, Trust Co of North America, Silveryew, Singapore
SANDALWOOD — 1 kg, Yardley & Co, Ausonia, Southampton
20 bdls, President Harrison, Bombay
SARDINE MEAL — 1,000 bgs, Mitsubishi Shoji Kaisha, Tsuyama, Hakodate
1,000 bgs, Ashcroft-Wilkinson Co, Tsuyama, Otaru
SCHEELITE ORE — 1,797 bgs, President Harrison, Penang
SENNA LEAVES — 6 bls, President Harrison, Madras
SESAME SEED — 64 bgs, President Harrison, Bombay
SHELLAC — 20 bgs, 15 cs, A Hurst & Co, Black Heron, Rotterdam
SILICIOUS EARTH — 204 bgs, A W Fenton & Co, Hansa, Bremen
SOAP — 100 cs, Bank of Athens, Excambion, Piraeus
920 cs, Conti Prod Co, Excambion, Leghorn
4 cs, Globe Shipping Co, Excambion, Marseilles
3 cs, American Express Co, Washington, Havre
10 cs, R F Downing & Co, Aquitania, Southampton
SODA, CYANIDE — 500 dms, American Cyanamid & Chem Co, Bilderdijk, Rotterdam
1,072 dms, Charles Hardy, Ile de France, Havre
PRUSSIATE — 203 kgs, H H Rosenthal Co, Kinai, Yokohama
SPICES—2 cs, Knickerbocker Mills Co, Hansa, Bremen
SPONGES—10 bls, J E Bernard & Co, Yucatan, Havana
43 bls, Schroeder & Tremayne, Santa Paula, Havana
144 bls, Santa Paula, Havana
REFUSE—7 bls, J E Bernard & Co, Yucatan, Havana
7 bls, Schroeder & Tremayne, Santa Paula, Havana
STARCH, POTATO—150 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
STEATITE—8 bbls, Caldwell & Co, Excambion, Leghorn
SULPHUR—2 cs, Denver Equipment Co, Bilderdijk, Rotterdam
PRECIPITATED—69 cks, Antonia, Liverpool
SUMAC—350 bgs, Maria, Palermo
TALC—500 bgs, C B Chrystal & Co, Kinai, Dairen
100 bgs, Mitsubishi Shoji Kaisha, Norden, Kobe
4,480 bgs, 100 tons, Grete Maersk, Kobe
500 bgs, Whittaker, Clark & Daniels, Grete Maersk, Kobe
500 bgs, Grete Maersk, Kobe
150 bgs, Exermont, Leghorn
2,670 bgs, Nojima, Dairen
896 bgs, Nojima, Yingkow
TAPIOCA FLAKE—1,141 bgs, Stein, Hall & Co, Palembang, Sourabaya
FLOUR—9,252 bgs, Stein, Hall & Co, Palembang, Sourabaya
2,200 bgs, Palembang, Cheribon
250 bgs, Central Hanover Bank Trust Co, Palembang, Batavia
2,750 bgs, Palembang, Tegal
1,069 bgs, Balfour, Guthrie & Co, Silveryew, Pamanoekan
1,019 bgs, Stein, Hall & Co, Silveryew, Batavia
357 bgs, Corn Product Refining Co, Almena, Puerto Plata
1,500 bgs, Tabinta, Tjilatjap
1,594 bgs, Stein, Hall & Co, Tabinta, Cheribon
9,822 bgs, Stein, Hall & Co, Tabinta, Sourabaya
500 bgs, Chase National Bank, Tabinta, Tjilatjap
500 bgs, National Adhesive Corp, Tabinta, Tjilatjap
750 bgs, Stein, Hall & Co, Tabinta, Tjilatjap
TARTAR—110 bgs, Charles Pfizer & Co, Excambion, Genoa
158 bgs, Charles Pfizer & Co, Bilderdijk, Rotterdam
450 bgs, Exermont, Leghorn
715 bgs, Charles Pfizer & Co, Exermont, Algiers
200 bgs, Standard Brands, Maria, Algiers
174 bgs, President Harrison, Marseilles
194 bgs, Charles Pfizer & Co, Exmouth, Oran
516 bgs, Standard Brands, Exmouth, Oran
THYME LEAVES—14 bls, 2,200 lbs, J L Hopkins & Co, Excambion, Marseilles
TIMBO ROOT—100 cs, Irving, Herman & Co, Bonheur, Para
105 cs, G W Cole & Co, Bonheur, Para
TONKA BEANS—36 cs, W M Allison & Co, Bonheur, Para
4 bbls, Guaranty Trust Co, Bonheur, Para
37 bbls, Bonheur, Para
TUBA ROOT—48 bls, Guaranty Trust Co, Silveryew, Singapore
TUNGSTEN ORE—1,000 bgs, W R Grace & Co, Grete Maersk, Canton
UMBER, BURNT—20 cks, J A McNulty, Excambion, Alexandria
18 cs, Stanley Doggett, Excambion, Alexandria
RAW—5 cks, J A McNulty, Excambion, Alexandria
UREA—500 bgs, 51,106 lbs, Synthetic Nitrogen Prod Corp, Black Osprey, Rotterdam
VANADIUM—950 bgs, Vanadium Corp, Santa Lucia, Callao
VANILLA BEANS—13 cs, Dammann & Smeltzer, Excambion, Marseilles
20 cs, Excambion, Marseilles
16 cs, Ile de France, Havre
48 cs, Thurston & Braidich, President Harrison, Marseilles
16 cs, Dodge & Olcott Co, President Harrison, Marseilles
VETIVER ROOT—5 bls, President Harrison, Port Said
WAX—1 cs, Rohner Gehrig & Co, Hansa, Bremen
BEES—51 bgs, Yucatan, Havana
4 bgs, Curacao Trading Co, Coamo, Trujillo
11 bgs, Irving Trust Co, Almena, Sanchez
28 seroons, Porcella, Vicini & Co, Almena, Puerto Plata
19 seroons, Almena, Puerto Plata
75 bgs, Mecke & Co, Guayaquil, South American ports
2 bgs, Machado & Co, Ponce, Puerto Plata
19 cs, Alex T Cochart, Santa Paula, Mazatlan
59 blks, Exermont, Lisbon
80 bgs, D Steengrafe, Southern Cross, Santos
60 bgs, Southern Cross, Santos
CARNAUBA—73 bgs, E A Bromund Co, Culberson, Bahia
136 bgs, Strahl & Pitsch, Culberson, Bahia
MINERAL—60 bls, American Shipping Co, Bilderdijk, Rotterdam
20 cks, 10 bgs, General Dyestuff Corp, Bilderdijk, Rotterdam
OZOKERITE—255 bgs, Scanstates, Gdynia
20 bgs, Maria, Trieste
SPERMACETTI—100 cs, Strohmeyer & Arpe Co, Tuscania, Glasgow
VEGETABLE — 50 cs, Mitsubishi Shoji Kaisha, Norden, Kobe
WITHERITE — 250 bgs, 25 tons, 3 cwt, 1 qtr, 11 lbs, Guido, Newcastle-on-Tyne
WOLFRAM ORE — 1,500 bgs, Grete Maersk, Canton
1,000 bgs, Wah Chang Trading Corp, President Harrison, Hongkong
WOODFLOUR—400 bgs, State Chem Co, Black Heron, Rotterdam
YEAST — 32 crtns, Fagan Yeast Co, Belle Isle, Halifax
200 bbls, Vulkan Yeast Co, Hansa, Hamburg
50 cks, J E Bernard & Co, Hansa, Bremen
20 bgs, Lo Curto & Funk, Hansa, Bremen
ZINC, OXIDE — 5 cs, Yardley & Co, Ausonia, Southampton
1 cs, Hydro Engineering Co, Aquitania, Southampton
ZINC AMMONIA CHLORIDE—21 cks, American Cyanamid & Chem Co, Ilsenstein, Antwerp

New York Transit Imports

CAMPHOR, REFINED—400 cs, McKesson & Robbins, Kinai, Kobe, Bridgeport
DEXTRIN—11 bgs, Bilderdijk, Rotterdam, Rochester
EPHEDRA—122 bls, Parke, Davis & Co, Kinai, Yokohama, Detroit
122 bls, Parke, Davis & Co, Norden, Yokohama, Detroit
GELATIN—2 cs, American Express Co, Hansa, Bremen, Rochester
231 cs, American Express Co, Black Osprey, Rotterdam, Rochester
230 cs, American Express Co, Black Heron, Rotterdam, Rochester
GREASE, WOOL—100 dms, Whittam Corp, Norden, Kobe, Linden, N J
HOPS—169 bls, Holland American Line, Bilderdijk, Rotterdam, Milwaukee
LICORICE ROOT—6,379 bls, MacAndrews & Forbes, Express, Izmir
MENTHOL—35 cs, McKesson & Robbins, Grete Maersk, Kobe, Bridgeport
MUSTARD SEED—300 bgs, Holland American Line, Bilderdijk, Rotterdam, Detroit
OIL, COCONUT—628 tons, Spencer Kellogg & Sons, Grete Maersk, Manila, Buffalo
PAPRIKA—350 bgs, 25 cs, Gallagher & Ascher, Hansa, Bremen, Chicago
POPPYSEED—300 bgs, Holland American Line, Bilderdijk, Rotterdam, Cleveland
PYRETHRUM FLOWERS—250 bls, McKesson & Robbins, Norden, Kobe, Bridgeport
SPONGES—23 bls, Yucatan, Havana, Brussels
21 bls, Yucatan, Havana, Rotterdam
71 bls, Santa Paula, Havana, Genoa
REFUSE—53 bls, Yucatan Havana, Havana, Brussels
15 bls, Santa Paula, Havana, Genoa

Baltimore Imports

ALUMINUM POWDER—10 dms, Baltimore & Ohio R R Co, City of Newport News, Hamburg
ANTIMONY OXIDE—250 bgs, Black Falcon, Antwerp
130 bbls, City of Newport News, Havre
CHEMICALS—80 bbls, Innis, Speiden & Co, Black Falcon, Antwerp
40 cks, Black Falcon, Antwerp
300 cks, Black Falcon, Rotterdam
100 cks, Advance Solvents & Chemical Co, Black Falcon, Rotterdam
46 cks, 250 bgs, City of Newport News, Hamburg
CLAY—100 bgs, City of Newport News, Hamburg
VALLENDAR—151 cks, Black Falcon, Rotterdam
COCOA BEAN RESIDUE—2,778 bgs, Black Falcon, Rotterdam
COPRA—500 tons, Procter & Gamble Co, Muncaster Castle, Cagayan
1,000 tons, Procter & Gamble Co, Muncaster Castle, Zamboanga
CRYOLITE, SYNTHETIC—275 bbls, Schodack, Havre
FERROMANGANESE—400 cs, Tokai, Tokio
HERBS—11 cs, 3 bgs, Black Falcon, Antwerp
IRON ORE—11,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
21,600 tons, Bethlehem Steel Co, Chilore, Cruz Grande
5,942 tons, Leo J Buck, Ingerfem, Narvik
21,300 tons, Bethlehem Steel Co, Lebore, Cruz Grande
LICORICE ROOT—6,027 bls, Ogontz, Alexandretta
MANGANESE ORE—2,600 tons, Potter, Calcutta
7,850 tons, Amtorg Trading Corp, Ilandilo, Poti
7,700 tons, Olympos, Rio de Janeiro
5,100 tons, Bethlehem Steel Co, Gertrud, Santiago
8,400 tons, Baron Elphinstone, Poti
1,500 tons, Lindenbank, Calcutta
4,700 tons, Bethlehem Steel Co, Vindeggen, Santiago
MOLASSES—16,723,032 lbs, Cuba Distilling Co, Catahoula, Antilla
MYROBALAN EXTRACT—785 bgs, Artigas, Hull
OIL, CODLIVER—27 bbls, City of Newport News, Hamburg
FUEL—29,000 bbls, Standard Oil Co of N J, Atlantic, Aruba
LUBRICATING—50 dms, Black Falcon, Antwerp
OLIVE—50 dms, Exmoor, Tunis
PEATMOSS—1,700 bls, Black Falcon, Rotterdam
150 bls, City of Newport News, Hamburg
PETROLEUM, CRUDE—39,417 bbls, Standard Oil Co of N J, Atlantic, Las Piedras
POTASH, CHLORATE—100 bbls, Schodack, Havre
MURIATE—3,759 tons, San Mateo, Antwerp
SULPHATE—7,000 bgs, N V Potash Export My, Black Falcon, Antwerp
SAND, IRON—115 bgs, City of Newport News, Hamburg
TALC—400 bgs, Schodack, Bordeaux

Boston Imports

ACID, STEARIC—60 double bgs, 4 tons, 13 cwts, 9 lbs, Antonia
AMMONIA PHOSPHATE SULPHATE—907 bgs, 201,761 lbs, Synthetic Nitrogen Product Corp, Konigsberg, Hamburg
BLUE, ULTRAMARINE—1 csk, 2 cwts, 3 qtrs, Arkwright Finishing Co, Antonia, Liverpool
CHEMICALS—140 bgs, 40 dms, Bilderdijk, Rotterdam
4 cs, 606 lbs, L W Cronkhite, Konigsberg, Hamburg
400 double bgs, 8,888 lbs, Philipp Bauer Co, Konigsberg, Hamburg
100 csk, 60,626 lbs, Royal Bank of Canada, Konigsberg, Hamburg
143 bgs, 22,066 lbs, Konigsberg, Hamburg
10 cs, 75 dms, 37,107 lbs, Royal Bank of Canada, Konigsberg, Hamburg
250 crbys, 39,469 lbs, Konigsberg, Hamburg
455 csk, Konigsberg, Bremen
CLEANING POWDER—3 cs, 331 lbs, Konigsberg, Hamburg
COCOANUT, DESIC—200 cs, Wilbur Ellis Co, Tai Yin, Davao
FERTILIZER—907 bgs, Konigsberg, Bremen
FISH LIVERS—579 tins, Tai Yin, Yokohama

FISH, MEAL—2,000 bgs, 200,000 lbs, Tsuyama Maru, Otaru
1,700 bgs, 170,000 lbs, Mitsubishi-Shoji-Kaisha, Tsuyama Maru, Hakodate
2,700 bgs, 270,000 lbs, Mitsubishi-Shoji-Kaisha, Tsuyama Maru, Yokohama
GLUESTOCK, FISH—34 bxs, J R Poole Co, Evangeline, Yarmouth
HIDE—334 bgs, 30 tons, 4 cwts, 3 qtrs, 16 lbs, Antonia, Liverpool
86 bls, 6 tons, 21 cwts, 2 qtrs, 13 lbs, First National Bank, Antonia, Liverpool
13 bls, 178 bgs, 17 tons, 6 cwts, 3 qtrs, 17 lbs, American Express Co, Antonia, Liverpool
GUM, ARABIC — 50 bgs, American Cyanamid & Chemical Co, President Adams, Suez
INDUSTREAL — 50 bgs, 2 tons, 10 cwt, 3 qtrs, 16 lbs, J P Marston Co, Antonia, Liverpool
MEDICINAL PREPS — 25 pkgs, Foo Sun Co, President Adams, Hongkong
3 pkgs, Quong Wo Lung, President Adams, Hongkong
7 cs, United Drug Co, Antonia, Liverpool
14 cs, Quong Wah Lung, Tai Yin, Hongkong
OIL, COCONUT — 447 tons, Lever Bros Co, Tsuyama Maru, Manila
500 tons, Philadelphia Refining Corp, Silveryew, Manila
OLIVE — 75 cs, S S Pierce Co, President Adams, Genoa
PALM — 254 tons, Van Leeuwen Boomkamp & Co, Tabinta, Belawan Deli
PEANUT — 60 cs, Foo Sun Co, President Adams, Hongkong
SESAME — 23 cs, Quong Wo Lung, President Adams, Hongkong
PAPRIKA — 25 kgs, D & L Slade Co, Konigsberg, Bremen
PEATMOSS — 480 bls, Bilderdijk, Rotterdam
800 bls, Premier Peat Moss Corp, Bilderdijk, Rotterdam
1,100 bls, Konigsberg, Bremen
PEPPER — 81 bgs, Tabinta, Tandjong Pinok
POPPYSEED — 100 bgs, Boston Brokerage Co, Bilderdijk, Rotterdam
POTASH, CHLORATE — 800 dms, 191,712 lbs, ntfy, Uniform Chemical Products, Inc, Konigsberg, Hamburg
MURIATE — 802,474 lbs, N V Potash Export My, Konigsberg, Bremen
RED EARTH — 20 csks, Stanley Doggett, Bilderdijk, Rotterdam
SALTPETER — 600,092 lbs, Konigsberg, Bremen
SESAME SEED — 10 bdls, Sun Lee Chong Co, President Adams, Hongkong
SHELLAC — 50 cs, J Henry Schroeder Banking Corp, Bilderdijk, Rotterdam
SOAP, TOILET — 1 cs, S S Pierce Co, American Farmer, London
1 cs, Lever Bros, Antonia, Liverpool
STARCH, POTATO — 250 bgs, Bilderdijk, Rotterdam
TAPIOCA FLOUR — 1,605 bgs, Balfour, Guthrie & Co, Tabinta, Pamanoekan
VARNISH — 4 cs, Stone & Downer, American Farmer, London
WAX, BEES — 50 bls, Innis, Speiden Co, Bilderdijk, Rotterdam

Boston Transit Imports

GUM—5 cs, and 3 bgs, Tragacanth Import Co, President Adams, Marseilles, for Montreal
HERBS — 2 cs, Leong Jung Co, President Adams, Hongkong, for Montreal
OIL, PEANUT—50 cs, Leong Jung Co, President Adams, Hongkong, for Montreal
16 cs, Sue Shang, President Adams, Hongkong, for Montreal
PAINT—1 cs, American Express Co, American Farmer, London, for Chicago
POTASH, PERMANGANATE—1 crtn, American Express Co, American Farmer, London, for Midland, Michigan

Lake Charles Imports

POTASH, MATERIALS—3,091 tons, Nevada, Antwerp
SLAG, BASIC—4371½ tons, Nevada, Antwerp
SODA NITRATE — 6,169 tons, Uranienborg, Tocopilla

Los Angeles Imports

ANTIMONY ORE—85,000 lbs, From Mexico
CAMPHOR, REFINED — 100 lbs, Tatsuta, Yokohama
CASSIA UNGROUND—6,670 lbs, Corneville, Hongkong
CHEMICAL COMPOUND—4,740 lbs, Nojima, Yokohama
PHOTO—8,700 lbs, Oakland, Berlin
SALT—6,610 lbs, Oakland, Hamburg
CHINA CLAY—138,660 lbs, Lochmonar, Plymouth
181,890 lbs, Lochmonar, St Anstell
CINNAMON QUILLS—10,000 lbs, President Taft, Ceylon
COCONUT DESIC—43,780 lbs, President Taft, Manila
COPRA—218,320 lbs, Monterey, Amer Samoa
206,780 lbs, Limerick, Suva
DRUGS, CRUDE—500 lbs, President Taft, Hongkong
EPSOM SALT—32,870 lbs, Oakland, Berlin
FERTILIZER—100,000 lbs, Oakland, Brussels
FISH LIVERS, FROZEN—44,920 lbs, Nojima, Yokohama
38,640 lbs, President Taft, Yokohama
FLEASEED—13,230 lbs, From Seville
FLUORSPAR—33,600 lbs, Oakland, Bremen
GINGER ROOT—9,250 lbs, Modavia, Freetown
GLASS, PLATE—850 lbs, Oakland, Prague
ROLLED—18 cs, 10,750 lbs, Modavia, Brussels
WINDOW—5 cs, 1,440 lbs, Falsterbo, Brussels
HOPS—27,030 lbs, Oakland, Hamburg
15,720 lbs, Oakland, London
LEAD ACETATE—18,190 lbs, Oakland, Hamburg
LEMON JUICE—10 lbs, Lochmonar, England
LUPULIN—500 lbs, Oakland, Brussels
MAGNESIA, CARBONATE — 2,700 lbs, Modavia, Newcastle
CHLORIDE—22,190 lbs, Oakland, Hamburg
MEDICINAL PREPS—120 lbs, Asosan, Kobe
300 lbs, Tatsuta, Yokohama
NUTMEGS—5,510 lbs, Corneville, Padang
OIL, EUCALYPTUS — 2,080 lbs, Monterey, Melbourne
LUBRICATING—20 dms, 10,040 lbs, Oakland, Hamburg
OLIVE—10,310 lbs, President Adams, Legborn
7,680 lbs, President Hayes, Genoa
SHALE—1 pkg, 250 lbs, Oakland, Germany
TUNG—42,000 lbs, Grete Maersk, Canton
PARAFFIN—179,200 lbs, Salawati, Balikpapan
POTASH, CYANIDE—830 lbs, Oakland, Hamburg
MURIATE—120,960 lbs, Oakland, Hamburg
SULPHATE — 1,321,600 lbs, Oakland, Hamburg
SEAWEEDS—730 lbs, Asosan, Kobe
400 lbs, Asosan, Yokohama
SESAME SEED — 9,600 lbs, President Taft, Hongkong
SOAP, TOILET—5 lbs, from Paris
TALC—60,480 lbs, President Hayes, Genoa
TOILET PREPS—380 lbs, Asosan, Kobe
380 lbs, Asosan, Yokohama
60 lbs, Tatsuta, Yokohama
TUNGSTEN ORE—10,240 lbs, from Nogales

Mobile Imports

MILK POWDER — 27 tons, Point Judith, Seattle

New Orleans Imports

BAUXITE ORE — 2,906 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
2,805 tons, Republic Mining & Mfg Co, Marita, Paramaribo
2,584 tons, Aluminum Ore Co, Austvangen, Georgetown
331 tons, Aluminum Union, Ltd, Austvangen, Port of Spain
2,325 tons, Republic Mining & Mfg Co, Northern Sword, Paramaribo
1,496 tons, Aluminum Line, Northern Sword, Port of Spain
GUM, CHICLE — 483 bls, Wm Wrigley, Gansfjord, Belize
MOLASSES — 1,215,414 gls, Commercial Molasses Corp, Caloria, Puerto Rico
OIL, OLIVE — 20 csks, Livenza, Palermo
65 cs, Nicolo Odero, Genoa
65 cs, Nicolo Odero, Leghorn
PEATMOSS — 25,182 bls, Peat Import Corp, Jomar, Bremen
TALC — 2,300 sx, I C R R, Nicolo Odero, Genoa
1,000 sx, Nicolo Odero, Genoa

Norfolk Imports

AMMONIA, SULPHATE—1,812 tons, Fertilizer Industries, Inc (to be discharged at Smith Douglass Dock), Beemsterdijk, Rotterdam
451 tons, Robertson Chemical Corp, Beemsterdijk, Rotterdam
CHEMICALS—300 bgs, 30,600 lbs, Advance Solvents & Chemical Corp, Black Hawk, Rotterdam
300 bgs, 150 cks, Advance Solvents & Chemical Corp, Beemsterdijk, Rotterdam
COCOA MEAL—1,766 bgs, Beemsterdijk, Rotterdam
5,000 bgs, Edam, Rotterdam
GUM, INDUSTRIAL—120 cks, 29 tons, 15 cwt, J P Marston & Co, Boston, Quaker City, Manchester
LEATHER WASTE—28 tons, Gloucester City, Bristol
MANGANESE ORE—8,040 tons, E J Lavino, Drakepool, Takoradi
MICA, SCRAP—1,191 bgs, City of Sydney, Calcutta
WASTE—3,270 bgs, Potter, Calcutta
OCHER—400 bgs, Mahseer, Calcutta
ORE, CRUDE ALUMINUM SILICATE—202 tons, 9 cwt, Mahseer, Calcutta
PEATMOSS—397 bls, Furness, Withy & Co, Beemsterdijk, Rotterdam
POTASH, MURIATE—953 tons, First National Bank of Boston, Edam, Rotterdam
SARDINE MEAL—1,500 tons, Alaska, Dalny, Japan
TAPIOCA FLOUR—3 bgs, Edam, Rotterdam
250 bgs, N Y Trust Co, Tanimbar, Tandjong Priok

Philadelphia Imports

BAUXITE—2,411 tons, Aluminum Union Ltd, Gunvor, Georgetown
BONES—226,900 kilos, American Agricultural & Chemical Co, West Calumb, Buenos Aires
CALCIUM SILICIDE—150 bbls, Philadelphia National Bank, Vincent, Havre
CASEIN—250 bgs, National City Bank, West Calumb, Buenos Aires
CHALK—3,550 tons, Southwark Mfg Co, Gunny, London
CHEMICALS—30 cs, C W Campbell Co, Nanman, Kobe
CHINA CLAY—631 tons, 38 cwts, Moore & Munger, Montreal City, Fowey
637 tons, 97 cwts, English China Clay Sales Corp, Montreal City, Fowey
620 bgs, English China Sales Corp, Montreal City, Fowey
100 cks, English China Clay Sales Corp, Montreal City, Fowey
CHROME ORE—1,400 tons, Bank of Athens, Ogontz, Aghia Marina
2,204 tons, 11 cwts, 8 lbs, E J Lavino & Co, City of New York, Beira
CLAY, BALL—100 tons, English China Clay Sales Corp, Montreal City, Fowey
10 bgs, English China Clay Sales Corp, Montreal City, Fowey
BLUE—200 tons, Moore & Munger, Montreal City, Fowey
10 bgs, Moore & Munger, Montreal City, Fowey
COCOA BEANS—200 bgs, Parnahyba, Victoria
4,000 bgs, Blumenthal Bros, Parnahyba, Bahia
CORKWASTE—4,271 bls, Fernhill, Bastia
FLUORSPAR—334,510 lbs, Standard Bank of South Africa, City of New York, Durban
ILMENITE SAND—7,759 tons, Italy, Quilon
IRON ORE—500 bgs, Ida, Dubrovnik
LICORICE ROOT—6,379 bls, Express, Izmir
MAGNESIA—2,910 tons, Mitsubishi-Kaisha-Shoji, Alaska, Dalny
MAGNESITE — 18,250 bgs, Harbinson, Walker Refactories Co, Ida, Trieste
CLINKERS — 2,000 bgs, Volkart Bros, Nanman Maru, Kobe
MIMOSA EXTRACT — 664 bgs, City of New York, Durban
MOLASSES — 668,078 gls, Carrabulle, Ponce
596,000 gls, Carrabulle, Manati
6,380 tons, Athelprincess, Sourabaya
6,900 tons, Athelprincess, Tegal
MYROBALANS — 8,000 pkts, Guaranty Trust Co, Lindenbank, Calcutta
2,200 pkts, Lindenbank, Calcutta
12,000 pkts, Magdapur, Calcutta
18,097 bgs, Potter, Calcutta
MOTOR SPIRITS — 1 cs, Samples, Atlantic Refining Co, City of New York, Capetown
OIL — 1 cs, F B Vandegrift & Co, Schodack, Havre
FUEL — 2,787,766 gls, Socony Vacuum Oil Co, Joseph Seep, Aruba
PETROLEUM, CRUDE — 111,366 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
64,266 bbls, Gulf Oil Corp, Senator, Las Piedras
90,398 bbls, Atlantic Refining Co, Permian, Las Piedras
109,950 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
RAPESEED — 375 bgs, Irving Trust Co, Tsuyama, Otaru
625 bgs, Bunge North America Grain Corp, Nanman, Otaru
SAGE LEAVES — 39 bls, Ida, Dubrovnik
SARDINE MEAL — 4,300 bgs, Mitsubishi Shoji Kaisha, Tsuyama, Yokohama
4,000 bgs, Mitsubishi Shoji Kaisha, Tsuyama, Hakodate
SHELLAC — 500 bgs, Bank of London & South America, Lindenbank, Calcutta
TALC — 500 bgs, Whitaker, Clark & Daniels, Schodack, Bordeaux
TANKAGE — 1,096 bgs, West Calumb, Buenos Aires
WATTLE BARK — 300 bgs, City of New York, Tanga
2,273 bgs, Tannin Corp, City of New York, Durban

Portland, Ore., Imports

CALCIUM NITRATE — 1,250 sks, Wilson & George Meyer & Co, Benjamin Franklin, Heroen-Forsgrund
IRON SAND — 91 sks, Bailey Co, Pacific Enterprise, Glasgow
PARAFFIN—2,240 sks, Shell Oil Co, Salawati, Balikpapan
PEATMOSS — 300 bls, Wilson & George Meyer & Co, Benjamin Franklin, Oslo
TAPIOCA FLOUR—50 sks, Guaranty Trust Co of N Y, Salawati, Batavia

San Francisco Imports

ACID, CITRIC—120 cs, Manukai, Honolulu
80 cs, Manulani, Honolulu
AMMONIA, PHOSPHATE—227 sks, National City Bank of N Y, Falsterbo, Antwerp
ARGOLS—752 sks, American Cream Tartar Co, President Hayes, Naples
BLUE, WASHING—24 cs, Ernest D Van Loben, Falsterbo, Antwerp
BONE MEAL—3,000 sks, American Foreign Sales Co, California, Tsingtao
BRISTLES—52 cs, Thos J Kane & Co, California, Taku Bar
25 cs, Kane Import Corpn, California, Taku Bar
CASSIA—34 bls, D Hecht & Co, Inc, Corneville, Padang
100 bls, S H Tyler & Son, Corneville, Hongkong
50 bls, McClintock-Stern Co, Corneville, Hongkong
CHALK—1,110 sks, Falsterbo, Antwerp (for Oakland)
CRUDE—598 tons, Balfour, Guthrie & Co, Wisconsin, Dunkirk (for Oakland)
CHEMICALS—6 cs, Wisconsin, Antwerp
COPRA — 500 tons, El Dorado Oil Works, Corneville, Zamboanga (for Oakland)
500 tons, Durkee Famous Foods, Corneville, Cebu (for Oakland)
157 tons, Berkeley Oil & Meal Co, Corneville, Cebu (for Oakland)
1,644 sks, Attorney General, Monterey, Pago Pago °optional discharge Los Angeles
EARTH, CRUDE—5 sks, Marshall Dill, Monterey, Sydney
GAMBIER—255 cs, Bank of California, N A, Corneville, Asahan
GINGER ROOT—50 cs, Lurline, Honolulu
28 cs, Manukai, Hilo
26 cs, Manulani, Hilo
GLASS, PLATE—26 cs, Brown Bros, Harriman & Co, Falsterbo, Antwerp
WINDOW—687 cs, Falsterbo, Antwerp
25 cs, Falsterbo, Antwerp (for Oakland)
GUM, COPAL—300 sks, Falsterbo, Antwerp (for Oakland)
2 sks, R W Nason & Co, Wisconsin, Antwerp
KAURI—183 sks, H M Newhall & Co, Monterey, Suva
MACE—25 cs, D Hecht & Co, Corneville, Padang
MOLASSES—2,000,000 lbs, Makawili, Honolulu
3,766,000 lbs, Diamond Head, Mahukona
1,622 tons, Diamond Head, Hilo
600 tons, Mauna Ala, Hilo
MUSTARD SEED—171 sks, Old Dutch Mustard Co, California, Taku Bar
OIL, CHINAWOOD—300 dms, Western Vegetable Oils Co, Corneville, Hongkong
150 dms, S & H Trading Co, Corneville, Hongkong
266 dms, Bank of California, N A, Corneville, Hongkong
EUCALYPTUS—11 dms, Monterey, Melbourne
ESSENTIAL—1 dm, American Express Co, Monterey, Sydney
OLIVE—150 dms, President Garfield, Marseilles
OIL, OLIVE—50 dms, A Giuriani & Bros, President Hayes, Leghorn
100 dms, President Hayes, Marseilles
25 dms, H Boccara & Sons, President Hayes, Marseilles
PEANUT MEAL—8,000 sks, Balfour, Guthrie & Co, California, Tsingtao
SESAME SEED—55 sks, Wah Young Co, Corneville, Hongkong
SILVERSAND—1,250 tons, Balfour, Guthrie & Co, Wisconsin, Antwerp (for Oakland)
SOAP—25 cs, President Hayes, Marseilles
TALC—300 sks, Pacific National Bank, California, Dairen
TALLOW—13 dms, Manulani, Kahului
115 dms, Anglo-California National Bank, Monterey, Melbourne
54 dms, Anglo-California National Bank, Monterey, Auckland
TAPIOCA FLOUR—200 sks, National Adhesives Corpn, Corneville, Batavia
50 sks, S H Tyler & Son, Corneville, Batavia
TANNIN, GRAPE—100 cs, Monterey, Melbourne
TARTAR, RAW—358 sks, Bank of California, N A, President Hayes, Marseilles
VARNISH THINNER—25 dms, Manulani, Honolulu (for Oakland)
WAX, BEES—32 cs, Manulani, Honolulu

Savannah Imports

CASTOR MEAL—672 bgs, Shickshinny, Rotterdam
CHEMICALS—200 crbys, Uganda, Antwerp
COCOA BEAN WASTE—6,667 bgs, Shickshinny, Rotterdam
LEATHER MEAL—6,000 bgs, Shickshinny, Rotterdam
POTASH KAINIT—1,360,000 kilos, Uganda, Antwerp
MANURE SALT—912,400 kilos, Uganda, Antwerp
MURIATE—725,000 kilos, Uganda, Antwerp
SULPHATE—2,500 bgs, Uganda, Antwerp
SALTCAKE—3,030,020 kilos, Shickshinny, Antwerp
SODA SULPHATE—104 dms, 200 bgs, Shickshinny, Rotterdam
STARCH, POTATO—500 bgs, Shickshinny, Rotterdam

Seattle Imports

CALCIUM NITRATE — 750 sks, Wilson & George Meyer & Co, Benjamin Franklin, Heroen-Porsgrund
SILICIDE—51 bbls, Electro Metallurgical Co, Benjamin Franklin, Oslo
CHEMICALS—336 dms, Loch Goil, Rotterdam
CLAY, BALL—10 sks, Loch Goil, Rotterdam
HERB, MEDICINAL—1 bl, Loch Goil, London
MEDICINAL PREPS—1 cs, Loch Goil, London
PEATMOSS—300 bls, Wilson & George Meyer & Co, Benjamin Franklin, Oslo
PEPPER—81 sks, Salawati, Tandjong-Priok
SODA NITRATE—3,992 sks, Chilean Nitrate Sales Corpn, Charcas, Tocopilla
STARCH, POTATO—15 sks, Loch Goil, Rotterdam
SUPERPHOSPHATE — 8,000 sks, Loch Goil, Rotterdam
WAX, SKI — 1 cs, Gerber Bros, Benjamin Franklin, Oslo

Tacoma Imports

SODA NITRATE—574 sks, Chilean Nitrate Sales Corpn, Charcas, Tocopilla

Tampa Imports

BONE MEAL—552 bgs, Livenza, Fiume

Exports from U.S. Ports

New York Exports

Clearance Dates

Almena, December 30; American Importer, December 18; American Legion, December 17; American Oriole, December 27; Aquitania, December 22; Arimasan, December 30; Asbjorn, December 23; Atlanta City, December 21; Ayuruoca, December 22; Belle Isle, December 24; Birmania, December 22; Black Eagle, December 23; Black Hawk, December 30; Blankaholm, December 17; Bordvik, December 30; Cacique, December 10; City of Dieppe, December 31; City of Dundee, December 23; City of Flint, December 23; City of Salisbury, December 30; Collamer, December 23; Cristobal, December 28; Deutschland, December 22; Dordrecht, January 5; Exchange, December 16; Exermont, November 15; Exminster, December 23; Exochorda, December 7; Fernmoor, December 29; Flimston, December 24; Guayaquil, December 21; Henri Jasper, December 20; Ilsenstein, December 17; Ingria, December 23; Ingrid, December 2; Kalinin, December 31; Kolsnaren, December 23; Kwanto, December 28; Lahaina, December 28; Leda, December 27; Munargo, December 24; Nordlys, December 11; Normandie, December 23; Olympia, December 17; Oradell, December, 17, 31; Oriente, December 29; Panuco, December 21; Paraguayo, December 28; Peten, December 9; Pipestone County, December 30; President Roosevelt, December 24; Roslin Castle, December 23; Sagua, November 17; Santa Barbara, December 30; Santa Clara, December 23; Santa Elena, December 17; Sessa, December 30; Silversandal, December 23; Skjoldheim, November 23; Southern Prince, December 23; Tampa, December 21; Thule, December 23; Tiradentes, December 23; Toloa, November 27; Troubador, November 30; Vindeggen, December 15; West Humhaw, December 11; West Lashaway, December 28; Yucatan, December 23

ACETO ACETANILIDE — 108 lbs, Pipestone County, Havre; 9,152 lbs, Kalinin, Odessa
ACID, CITRIC CRYSTALS — 1,218 lbs, Sessa, Buenaventura
CRESYLIC — 15,010 lbs, Angol, Antofagasta
HYDROCYANIC—4,715 lbs, Birmania, Naples
MURIATIC — (Almena) 9,331 lbs, San Pedro; 6,760 lbs, Ciudad
OXALIC — 4,468 lbs, Sessa, Buenaventura
VANADIC — 7,889 lbs, Birmania, Genoa; 756 lbs, President Roosevelt, Havre
ALCOHOL, ISOPROPYL — 660 gls, American Oriole, London
ALUMINA CHLORIDE—12,716 lbs, Arimasan, Dairen
AMMONIA SULPHATE — (Lahaina) 632,200 lbs, Honolulu; 492,000 lbs, Kahului
AMYLENE DICHLORIDE — 2,612 lbs, Collamer, Havre
ANTIMONY REGULUS — 43,424 lbs, Kwanto, Osaka
ASPHALT — 266,815 lbs, Roslin Castle, Durban; 138,080 lbs, City of Dundee, Durban; 65,997 lbs, Collamer, Bordeaux; 44,820 lbs, Exchange, Istanbul; 24,880 lbs, Nordlys, Santos; 65,215 lbs, Angol, Callao; 814,979 lbs, Ayuruoca, Rio Grande;
ASPHALT (Continued):—
15,512 lbs, American Importer, Manchester; 445,266 lbs, American Oriole, Hamburg; 28,576 lbs, Pipestone County, Havre; 19,908 lbs, Kwanto, Yokohama; 233,152 lbs, Deutschland, Bremen; 15,080 lbs, President Roosevelt, London; 60,042 lbs, Kalinin, Odessa
LIQUID — 54,938 lbs, President Roosevelt, London
SOLID — 52,681 lbs, American Importer, Liverpool
BARK — 4,480 lbs, Blankaholm, Stockholm
BARYTES — 22,610 lbs, City of Dieppe, Sydney
BLACK, BONE — (American Oriole) 263,410 lbs, 22,826 lbs, London; 14,160 lbs, President Roosevelt, London
BLUE, ULTRAMARINE — 3,338 lbs, Guayaquil, Cristobal
VITRIOL — 5,000 lbs, Oradell, Kingston; 110,000 lbs, Exchange, Izmir
BONE ASH — 36,673 lbs, Black Eagle, Antwerp
BUTYL ACETATE — 157,080 lbs, Black Hawk, Rotterdam
CALCIUM, CHLORIDE — 26,880 lbs, American Oriole, London
HYPOCHLORITE — 44,025 lbs, Vindeggen, Caibarien
CARBON BISULPHIDE — 3,576 lbs, Sagua, Santiago
CHALK, PRECIP—10,100 lbs, Toloa, Porto Colombia; 10,070 lbs, American Importer, Liverpool
CHEMICALS—108,543 lbs, American Importer, Liverpool; 28,880 lbs, Pipestone County, Havre; 14,185 lbs, Kwanto, Yokohama; 2,520 lbs, Deutschland, Hamburg; 2,826 lbs, President Roosevelt, London; 10,880 lbs, City of Dieppe, Melbourne
CHLORINE, LIQ—589 lbs, Guayaquil, Porto Colombia
CLAY—134,400 lbs, Blankaholm, Gothenburg; 78,400 lbs, Deutschland, Hamburg
COALTAR—(Skjoldheim) 5,500 lbs, Caibarien; 17,310 lbs, Nuevitas; 3,390 lbs, Antilla; 2,850 lbs, Cristobal, Panama City
INTERMEDIATES — 6,652 lbs, Exminster, Piraeus; 3,036 lbs, President Roosevelt, London; 5,624 lbs, Kalinin, Odessa
COBALT—2,132 lbs, Kwanto, Yokohama
COCOA BUTTER—2,317 lbs, Toloa, Porto Colombia; 2,328 lbs, Exchange, Istanbul; 4,617 lbs, Kwanto, Yokohama
CAKE—106,919 lbs, Tiradentes, Amsterdam
COLOR, DRY—2,781 lbs, Toloa, Porto Colombia
CORN FLOUR—1,410 lbs, Santa Clara, Callao; 15,505 lbs, Peten, Havana; 2,813 lbs, Ingria, Horta; 31,064 lbs, Silversandal, Manila
SUGAR—36,540 lbs, Henri Jasper, Antwerp; 197,400 lbs, Flimston, London; 150,000 lbs, American Oriole, London
SYRUP—3,585 lbs, Lahaina, Honolulu; 75,050 lbs, City of Salisbury, Bombay; 2,250 lbs, Guayaquil, Cristobal; 12,870 lbs, Blankaholm, Gothenburg; 15,243 lbs, Kolsnaren, Stockholm; 74,741 lbs, American Importer, Belfast; 3,082 lbs, Silversandal, Manila; 210 lbs, Bordvik, St Croix, 3,064 lbs, Sessa, Salaverry
DEXTRIN—11,300 lbs, President Roosevelt, London
CORN—1,136 lbs, Pipestone County, Havre
DICHLORODIFLUOROMETHANE — 858 lbs, Black Hawk, Amsterdam

DISINFECTANT — 21,437 lbs, Paraguayo, Buenos Aires; 2,274 lbs, Almena, Ciudad
COALTAR—1,056 lbs, Vindeggen, Nuevitas
DRUGS—4,860 lbs, Birmania, Genoa; 3,552 lbs, President Roosevelt, London
DYES—6,440 lbs, City of Salisbury, Bombay; 8,703 lbs, Toloa, Porto Colombia; (American Legion) 3,042 lbs, Montevideo; 6,948 lbs, Buenos Aires; (Black Eagle) 5,515 lbs, Antwerp; 3,539 lbs, Rotterdam; 1,027 lbs, Tiradentes, Rotterdam; 1,806 lbs, Deutschland, Hamburg; 1,414 lbs, Paraguayo, Rio Janeiro
ANILIN—10,060 lbs, City of Salisbury, Bombay; (Blankaholm) 2,796 lbs, Helsingfors; 1,659 lbs, Oslo; 615 lbs, Deutschland, Hamburg
ETHER—540 lbs, Oradell, Santiago
ETHYL—1,210 gls, Tiradentes, Istanbul
ETHYL FLUID—250 gls, City of Salisbury, Madras; 550 gls, Collamer, Bordeaux
FERRO ALLOY—37,839 lbs, Deutschland, Hamburg
FERROSILICON—58,200 lbs, City of Flint, Liverpool
FERROVANADIUM — 36,718 lbs, Kwanto, Osaka; 21,192 lbs, Deutschland, Hamburg
FERTILIZER — 2,235,325 lbs, Silversandal, Iloilo
GASOLINE—80 gls, City of Salisbury, Suez; 46,695 gls, Troubador, Montevideo; 200 gls, Exchange, Constanza; (Birmania) 220 gls, Vienna; 80 gls, Budapest; 8,305 gls, West Humhaw, Point Noire; 10,000 gls, Ayuruoca, Santos; 2,000 gls, West Lashaway, Monrovia; 113,695 gls, Arimasan, Yokohama (City of Dieppe) 7,150 gls, Brisbane; 52,250 gls, Fremantle; 8,250 gls, Cacique, Maracaibo; (Kwanto) 55,000 gls, Sasebo; 55,000 gls, Tokuyama
GLASS, PLATE—5,540 lbs, Peten, Havana
WINDOW—1,320 lbs, Toloa, Kingston; 11,219 lbs, Sagua, Santiago
GLUCOSE—206,250 lbs, City of Salisbury, Calcutta
SOLID—(City of Salisbury) 68,850 lbs, Bombay; 7,650 lbs, Madras; 1,350 lbs, Calcutta; 2,820 lbs, City of Dieppe, Melbourne
GLUE—2,124 lbs, Collamer, Havre
PRESERVER—5,800 lbs, President Roosevelt, London
GREASE, LUBRICATING—4,508 lbs, Roslin Castle, Durban; 4,418 lbs, Lahaina, Honolulu; (City of Salisbury) 2,250 lbs, Bombay; 64,860 lbs, Calcutta; 1,869 lbs, Ingrid, Paramaribo; (City of Dundee) 7,515 lbs, Capetown; 13,610 lbs, Port Elizabeth; 23,604 lbs, East London; 72,660 lbs, Durban; 58,200 lbs, Lourenco Marques; 34,700 lbs, Beira; 4,703 lbs, Toloa, Puntarenas; 38,426 lbs, Collamer, Havre; (Oradell) 4,523 lbs, Santiago; 5,500 lbs, Kingston; 1,085 lbs, Vindeggen, Nuevitas; (Exchange) 2,104 lbs, Tunis; 844 lbs, Casablanca; 5,623 lbs, Piraeus; 6,115 lbs, Istanbul; 2,640 lbs, Henri Jasper, Antwerp; (Troubador) 6,280 lbs, Rio de Janeiro; 1,326 lbs, Rio Grande; 2,030 lbs, Asbjorn, Santos; 17,615 lbs, Nordlys, Rio de Janeiro; (Blankaholm) 10,816 lbs, Gothenburg; 2,253 lbs, Sundsvall; (Birmania) 91,641 lbs, Genoa; 44,192 lbs, Fiume; 13,666 lbs, American Legion, Rio de Janeiro; 48,447 lbs, Flimston, London; 50,115 lbs, Angol, Tocopilla; (City of Flint) 13,713 lbs, Dublin; 5,717 lbs, Glasgow; 5,985 lbs, Ilsenstein, Antwerp; (Exochorda) 21,472 lbs, Marseilles; 17,633 lbs, Alexandria; 2,841 lbs, Beirut; (West Humhaw) 665 lbs, Conakry; 5,324 lbs, Duala; 1,995 lbs, Libreville; 7,659 lbs, Port Gentil; 1,330 lbs, Bone; 15,125 lbs, Matadi; 101,460 lbs, American Importer, Manchester; (Exermont) 25,665 lbs, Genoa; 8,855 lbs, Marseilles; (Ingria) 27,698 lbs, Lisbon; 2,483 lbs, Loanda; 1,348 lbs, Casablanca; 1,995 lbs, Marseilles; 5,181 lbs, Tunis; (Pipestone County) 39,159 lbs, Havre; 444 lbs, Lille; 9,289 lbs, Dunkirk; 638 lbs, Fernmoor, Lisbon; 23,401 lbs, Tiradentes, Rotterdam; 7,225 lbs, Exminster, Istanbul; (Kwanto) 16,543 lbs, Yokohama; 63,750 lbs, Osaka; 20,661 lbs, Kobe; 2,232 lbs, West Lashaway, Dakar; 104,660 lbs, Deutschland, Hamburg; 20,357 lbs, Paraguayo, Rio de Janeiro; 2,337 lbc, President Roosevelt, Havre; 142,674 lbs, Arimasan, Kobe; 6,509 lbs, Bordvik, Trinidad; 7,233 lbs, Sessa, Tocopilla; 1,740 lbs, Cristobal, Panama; (City of Dieppe) 8,840 lbs, Brisbane; 186,810 lbs, Fremantle
INSECTICIDE, AGRIC—(Kwanto) 7,210 lbs, Yokohama; 12,000 lbs, Osaka
HOUSEHOLD—10,640 lbs, Lahaina, Honolulu
IODINE—2,486 lbs, Normandie, Harve
IRON, OXIDE—4,970 lbs, Black Eagle, Antwerp
LACQUER — 5,670 lbs, Lahaina, Honolulu; 5,280 lbs, Kolsnaren, Gothenburg; 4,760 lbs, American Importer, Liverpool; 3,398 lbs, Exermont, Genoa; 28,810 lbs, American Oriole, London; 3,894 lbs, Sessa, Buenaventura
COLORED—2,597 lbs, Black Hawk, Amsterdam
THINNER—2,640 gls, Silversandal, Manila
LARD—6,300 lbs, Skjoldheim, Calbarien; (Peten) 10,500 lbs, Cienfuegos; 68,250 lbs, Havana; 26,857 lbs, Henri Jaspar, Antwerp; 20,150 lbs, Blankaholm, Helsingfors; 43,655 lbs, Birmania, Trieste; (City of Flint) 6,625 lbs, Manchester; 6,904 lbs, Belfast, 28,468 lbs, Glasgow; 16,950 lbs, Ilsenstein, Antwerp; (American Importer) 508,975 lbs, Liverpool; 158,655 lbs, Manchester; 57,863 lbs, Aquitania, Southampton; 3,250 lbs, Exminster, Malta; 504,768 lbs, Deutschland, Hamburg; (President Roosevelt) 125,457 lbs, Hamburg; 81,620 lbs, London
LEAD, ARSENATE — 7,204 lbs, American Oriole, London; 55,660 lbs, Southern Prince, Buenos Aires
WHITE—4,692 lbs, American Legion, Buenos Aires; 4,980 lbs, Munargo, Havana
LINSEED CAKE—3,440,877 lbs, Henri Jaspar, Antwerp; (Black Eagle) 5,029,585 lbs, Antwerp; 451,160 lbs, Rotterdam; 453,564 lbs, Black Hawk, Rotterdam; (President Roosevelt) 453,639 lbs, Hamburg
LITHIUM HYDROXIDE — 651 lbs, City of Flint, Dublin
LITHOPONE—16,885 lbs, City of Dieppe, Sydney
LUBRICANTS—231,174 lbs, Paraguayo, Montevideo
METHANOL—16,610 gls, American Oriole, London; 715 gls, City of Dieppe, Melbourne
MINERAL SPTS—5,500 gls, Ayuruoca, Porto Alegre
NAPHTHA—(West Humhaw) 10,000 gls, Dakar; 500 gls, Conakry; 75,000 gls, Port Bouet; 70,500 gls, Winnebah; 30,000 gls, Duala; 22,100 gls, Libreville; 35,700 gls, Port Gentil; 40,000 gls, Kribi; 5,500 gls, Point Noire; 2,750 gls, Matadi; 1,375 gls, Ayuruoca, Rio Janeiro; (Ingria) 5,500 gls, Leixoes; 5,500 gls, Lisbon; (West Lashaway) 37,000 gls, Dakar; 30,000 gls, Conakry; 3,000 gls, Monrovia; 16,000 gls, Sassandra; 14,000 gls, Assinie; 90,000 gls, Port Bouet; 1,000 gls, Addah; 10,500 gls, Cotonou
OIL, ANILIN—1,104 lbs, Exchange, Piraeus
BRIGHT STOCK—900 tons, Dordrecht, London
CASTOR—4,974 lbs, Oradell, Santiago; 904 lbs, Exminster, Istanbul
COCONUT—5,048 lbs, Oradell, Santiago; 2,448 lbs, Sagua, Santiago; 9,648 lbs, Peten, Havana; 24,864 lbs, Paraguayo,
OIL, COCONUT (Continued):—
Buenos Aires; 37,127 lbs, Almena, Porto Plata
CYLINDER—61,824 gls, Leda, Brazil; 1,475 tons, Dordrecht, London
DIESEL—8,250 gls, West Lashaway, Cape Palmas
ESSENTIAL—400 lbs, President Roosevelt, London
EUCALYPTUS RES—5,010 lbs, American Oriole, London
FISH—1,295 lbs, Black Eagle, Antwerp
FLOTATION—8,360 gls, Sessa, San Antonio
FURNACE—200 tons, Dordrecht, London
GAS—(West Humhaw) 1,650 gls, Winnebah; 22,000 gls, Libreville; 22,000 gls, Port Gentil; 5,500 gls, Kribi; 11,000 gls, Point Noire; (West Lashaway) 13,750 gls, Sherbro; 2,750 gls, Sassandra; 5,500 gls, Assinie; 12,100 gls, Port Bouet; 8,250 gls, Addah; 2,750 gls, Cotonou; 5,500 gls, Grand Popo; 8,250 gls, Lagos; 1,375 gls, Sapele
LUBRICATING — (Roslin Castle) 1,375 gls, Capetown; 825 gls, Port Elizabeth; 15,400 gls, Durban; (City of Salisbury) 40,205 gls, Karachi; 135,905 gls, Bombay; 12,980 gls, Madras; 29,700 gls, Calcutta; (Ingrid) 1,100 gls, Barbados; 4,675 gls, Ciudad; 3,355 gls, Paramaribo; (Santa Clara) 880 gls, Pimentel; 1,650 gls, Callao; 3,025 gls, Antofagasta; (City of Dundee) 3,640 gls, Capetown; 165 gls, Mossel Bay; 880 gls, Port Elizabeth; 3,900 gls, East London; 21,775 gls, Durban; 15,485 gls, Lourenco Marques; 4,835 gls, Beira; 2,200 gls, Toloa, Porto Colombia; (Collamer) 53,340 gls, Havre; 10,565 gls, St Nazaire; 28,140 gls, Bordeaux; 6,050 gls, Panuco, Tampico; 15,400 gls, Oriente, Havana; 6,260 gls, Oradell, Santiago; 19,940 gls, Yucatan, Vera Cruz; 3,085 gls, Vindeggen, Nuevitas; (Peten) 14,335 gls, Havana; 2,200 gls, Cienfuegos; 420 gls, Atlanta City, Alexandria; (Exchange) 2,110 gls, Casablanca; 4,300 gls, Piraeus; 24,695 gls, Istanbul; 1,400 gls, Bourgas; (Henri Jasper) 5,190 gls, Antwerp; 1,100 gls, Matadi; (Troubador) 16,535 gls, Rio de Janeiro; 12,450 gls, Santos; 7,022 gls, Rio Grande; 3,025 gls, Montevideo; 1,320 gls, Buenos Aires; (Asbjorn) 1,940 gls, Rio de Janeiro; 12,540 gls, Santos; 24,200 gls, Nordlys, Santos; (Blankaholm) 3,310 gls, Malmo; 126 gls, Norrkoeping; 2,550 gls, Stockholm; 1,150 gls, Sundsvaal; 210 gls, Helsingborg; 1,210 gls, Malmo; (Birmania) 54,000 gls, Genoa; 2,750 gls, Naples; 10,450 gls, Trieste; 44,450 gls, Flimston, London; (Angol) 2,200 gls, Callao; 7,425 gls, Tocopilla; 1,870 gls, Antofagasta; 11,550 gls, San Antonio; 2,430 gls, Magallanes; 5,795 gls, Kolsnaren, Stockholm; (City of Flint) 10,500 gls, Manchester; 5,480 gls, Belfast; 6,250 gls, Glasgow; 3,528 gls, Dundee; 44,036 gls, Ilsenstein, Antwerp; (Exochorda) 14,560 gls, Marseilles; 1,650 gls, Algiers; 6,600 gls, Sfax; 1,600 gls, Oran; 550 gls, Bone; 10,175 gls, Tunis; 2,200 gls, Alexandria; 1,115 gls, Tel Aviv; 1,260 gls, Baghdad; 1,375 gls, Haifa; (West Humhaw) 1,210 gls, Dakar; 1,200 gls, Conakry; 275 gls, Lagos; 2,450 gls, Libreville; 1,125 gls, Kribi; 2,750 gls, Point Noire; 3,795 gls, Ayuruoca, Rio Grande; (American Importer) 5,845 gls, Manchester; 3,575 gls, Liverpool; (Exermont) 760 tons, Vado; 2,730 gls, Marseilles; (Ingria) 5,762 gls, Leixoes; 756 gls, Oporto; 24,805 gls, Lisbon; 1,200 gls, Loanda; 1,485 gls, Algiers; 5,545 gls, Saigon; 1,650 gls, Benguela; 5,655 gls, Casablanca; 1,000 gls, Haiphong; 9,702 gls, Marseilles; 2,750 gls, Tunis; 1,260 gls, American Oriole, London; (Pipestone County) 19,735 gls, Havre; 6,240 gls, Dunkirk; (Tiradentes) 8,250 gls, Rotterdam; 6,815 gls, Amsterdam; 21,650 gls, Southern Prince, Rio de Janeiro; (Exminster) 840 gls, Malta; 1,110 gls, Salonica; 2,475 gls, Piraeus; 2,750 gls, Istanbul; 7,425 gls, Constanza; 1,252 gls, Thule, Porto Alegre; (Kwanto) 15,730 gls, Yokohama; 3,300 gls, Moji; 1,375 gls, Takao; 1,265 gls, Kobe; (West Lashaway) 1,300 gls, Dakar; 860 gls, Monrovia; 825 gls, Sassandra; 8,525 gls, Takoradi; 1,300 gls, Accra; 550 gls, Addah; 1,100 gls, Lagos; 5,500 gls, Apapa; (Silversandal) 11,000 gls, Manila; 990 gls, Hongkong; (Deutschland) 151,039 gls, Hamburg; 275 gls, Vienna; (Paraguayo) 11,110 gls, Rio de Janeiro; 2,000 gls, Santos; (President Roosevelt) 2,520 gls, La Rochelle; 82,935 gls, Havre; 5,545 gls, London; (Bordvik) 880 gls, Point Pitre; 8,640 gls, Trinidad; (Sessa) 1,320 gls, Guayaquil; 1,540 gls, Pimentel; 2,200 gls, Iquique; 1,100 gls, Tocopilla; 825 gls, Antofagasta; 11,825 gls, Valparaiso; 945 gls, San Antonio; 12,760 gls, Talcahuano; (Santa Barbara) 2,860 gls, Corinto; 1,200 gls, Buenaventura; 1,100 gls, Chanaral; 1,980 gls, Cristobal, Puntarenas; 900 tons, Dordrecht, London; (City of Dieppe) 39,-210 gls, Brisbane; 22,710 gls, Sydney; 47,-460 gls, Melbourne; 43,835 gls, Fremantle; 4,675 gls, Munargo, Havana
OLEO—55,680 lbs, Flimston, London; 29,064 lbs, American Importer, Liverpool; 187,162 lbs, American Oriole, London; 17,253 lbs, President Roosevelt, Hamburg
PALE—254,604 gls, Leda, Brazil
PALM—37,153 lbs, Tiradentes, Rotterdam
PEPPERMINT—588 lbs, President Roosevelt, Hamburg
PINE—1,902 lbs, Ingrid, Ciudad; 36,754 lbs, Exchange, Constanza; 2,387 lbs, Birmania, Genoa; 1,434 lbs, West Humhaw, Takoradi; 987 lbs, Ingria, Marseilles
SOYBEAN—18,566 lbs, Peten, Havana
TRANSFORMER—2,750 gls, Asbjorn, Rio de Janeiro
PAINT—69,150 lbs, Roslin Castle, Port Elizabeth; 27,803 lbs, Lahaina, Honolulu; (Toloa) 1,749 lbs, Porto Colombia; 4,654 lbs, Kingston; 1,158 lbs, Skjoldheim, Porto Padre; 12,242 lbs, Peten, Havana; 2,740 lbs, Black Eagle, Antwerp; 3,925 lbs, Kolsnaren; (Ilsenstein) 70,962 lbs, Antwerp; 2,905 lbs, Basle; 2,585 lbs, Ayuruoca, Santos; 2,310 lbs, Black Hawk, Amsterdam; 1,407 lbs, Kwanto, Kobe; 10,960 lbs, West Lashaway, Marshall; 4,809 lbs, Sessa, Salaverry; 7,669 lbs, Kalinin, Odessa
PREPARED—1,666 lbs, Henri Jasper, Antwerp; 3,172 lbs, Paraguayo, Buenos Aires
THINNER—(City of Salisbury) 1,010 gls, Bombay; 550 gls, Madras; 2,970 gls, Calcutta; 1,650 gls, Exochorda, Haifa
PARAFFIN—22,315 lbs, Santa Clara, Guayaquil; (Toloa) 57,450 lbs, Corinto; 57,287 lbs, Mollendo; (Collamer) 11,440 lbs, Havre; 11,966 lbs, Bordeaux; (Sagua) 21,434 lbs, Guayaquil; 33,990 lbs, Pimentel; 26,261 lbs, Peten, Havana; (Santa Elena) 108,156 lbs, Cartagena; 44,660 lbs, La Libertad; (Troubador) 10,800 lbs, Rio de Janeiro; 4,465 lbs, Rio Grande; 22,642 lbs, Blankaholm, Norrkoping; (Birmania) 5,562 lbs, Genoa; 11,122 lbs, Naples; 379,810 lbs, Flimston, London; (Kolsnaren) 22,471 lbs, Stockholm; 56,690 lbs, Helsingfors; 93,446 lbs, Ilsenstein, Antwerp; (Ingria) 5,536 lbs, Leixoes; 5,544 lbs, Lisbon; 338,675 lbs, American Oriole, London; (Tiradentes) 4,449 lbs, Rotterdam; 22,244 lbs, Amsterdam; (Exminster) 67,815 lbs, Malta; 10,141 lbs, Salonica; 11,695 lbs, Deutschland, Hamburg; (President Roosevelt) 10,293 lbs, Hamburg; 22,195 lbs, Havre; 5,040 lbs, Almena, Porto Plata; (Santa
PARAFFIN (Continued):—
Barbara) 44,615 lbs, Pacasmayo; 85,615 lbs, Buenaventura; 99,236 lbs, Arica; 2,289 lbs, Oradell, Santiago
SCALE—60,478 lbs, Kolsnaren, Stugsund; 25,951 lbs, Ilsenstein, Antwerp; 666,511 lbs, American Importer, Manchester; 7,765 lbs, Tiradentes, Amsterdam; 340,861 lbs, American Oriole, London; 58,265 lbs, Exminster, Istanbul; 241,990 lbs, Deutschland, Hamburg
PETROLEUM, REFD—(West Humhaw) 5,000 gls, Dakar; 800 gls, Conakry; 15,000 gls, Port Bouet; 20,500 gls, Winnebah; 5,000 gls, Duala; 13,500 gls, Libreville; 10,000 gls, Port Gentil; 5,000 gls, Kribi; 1,000 gls, Matadi; (West Lashaway) 4,000 gls, Dakar; 15,000 gls, Conakry; 500 gls, Freetown; 6,000 gls, Sherbro; 3,000 gls, Sassandra; 4,500 gls, Assinie; 10,000 gls, Port Bouet; 11,000 gls, Addah; 10,500 gls, Cotonou; 20,000 gls, Grand Popo; (Almena) 15,000 gls, Porto Plata; 16,000 gls, Ciudad
PHENOL — 770 gls, Kwanto, Yokohama; (Arimasan) 115,758 lbs, Yokohama; 38,586 lbs, Kobe
PHOSPHATE—18,815 lbs, American Oriole, London
PINETAR—2,500 lbs, Skjoldheim, Calbarien
POTASH, CAUSTIC — 22,402 lbs, Asbjorn, Buenos Aires
CHLORIDE—100,332 lbs, Birmania, Trieste
PROPANE—77,612 lbs, Birmania, Genoa
RESIN, SYNTH—(President Roosevelt) 6,581 lbs, Havre; 1,189 lbs, London
ROSIN—20,140 lbs, City of Dieppe, Sydney
RHUBARB ROOT—4,615 lbs, Birmania, Genoa
ROOTS—798 lbs, President Roosevelt, London
SOAP—(Lahaina) 2,525 lbs, Honolulu; 12,830 lbs, Hilo
SODA, ASH—50,530 lbs, Vindeggen, Nuevitas; 2,160 lbs, Sagua, Port Limon; 3,260 lbs, Skjoldheim, Calbarien; (Troubador) 128,-475 lbs, Buenos Aires; 96,645 lbs, Rio Janeiro; (Asbjorn) 101,448 lbs, Rio de Janeiro; 13,391 lbs, Montevideo; 294,122 lbs, Buenos Aires; (Nordlys) 176,685 lbs, Rio de Janeiro; 29,485 lbs, Santos; 107,-181 lbs, Ayuruoca, Rio de Janeiro; (American Oriole) 73,560 lbs, London; 97,584 lbs, Hamburg; (Thule) 388,455 lbs, Buenos Aires; 45,220 lbs, Porto Alegre; 17,818 lbs, Paraguayo, Buenos Aires
BICARBONATE—2,135 lbs, Lahaina, Honolulu; (Toloa) 15,660 lbs, Porto Colombia; 17,950 lbs, Mollendo; 18,085 lbs, Oriente, Havana; 4,250 lbs, Vindeggen, Calbarien; 30,110 lbs, Yucatan, Vera Cruz; 4,250 lbs, Vindeggen, Calbarien; 5,150 lbs, Sagua, Port Limon; 45,120 lbs, Paraguayo, Buenos Aires
BICHROMATE—4,460 lbs, Exchange, Izmir; 14,784 lbs, Troubador, Buenos Aires
CAUSTIC—(Toloa) 4,320 lbs, Porto Colombia; 17,950 lbs, Mollendo; 220,100 lbs, Panuco, Tampico; 130,272 lbs, Oriente, Havana; 296,524 lbs, Yucatan, Vera Cruz; (Vindeggen) 22,467 lbs, Nuevitas; 7,200 lbs, Calbarien; 5,590 lbs, Oradell, Santiago; 8,540 lbs, Skjoldheim, Calbarien; 6,778 lbs, Peten, Havana; 130,800 lbs, Santa Elena, Mazatlan; (Asbjorn) 261,522 lbs, Rio de Janeiro; 57,877 lbs, Santos; 573,918 lbs, Buenos Aires; 182,541 lbs, Nordlys, Rio de Janeiro; 115,099 lbs, Ayuruoca, Santos; (American Oriole) 35,270 lbs, London; 63,088 lbs, Hamburg; 110,150 lbs, Thule, Porto Alegre; 10,364 lbs, Silversandal, Manila; 108,750 lbs, Paraguayo, Santos; 14,216 lbs, Sessa, Buenaventura; 4,290 lbs, Cristobal, Cristobal; 71,849 lbs, Munargo, Havana
CYANIDE—1,240 lbs, Santa Elena, Buenaventura; 15,600 lbs, Peten, Havana
HYDROSULPHITE — 4,879 lbs, Vindeggen, Caibarien
PHOSPHATE—1,500 lbs, City of Flint, Dublin
PHOSPHATE, TRI — 19,210 lbs, Olympia, Capetown; 4,568 lbs, City of Flint, Dublin; 49,915 lbs, American Importer, Manchester; 11,376 lbs, Aquitania, Southampton
PICRAMATE—1,535 lbs, Exminster, Piraeus
SAL—34,627 lbs, Munargo, Havana
SILICATE—644 lbs, Blankaholm, Stockholm; 50,692 lbs, Munargo, Havana
SULPHATE—(Silversandal) 3,022 lbs, Manila; 12,690 lbs, Hongkong; 7,843 lbs, Munargo, Havana
SOLVENTS—5,445 lbs, Kwanto, Yokohama
STARCH, CORN — (Lahaina) 618 lbs, Hilo; 2,800 lbs, Honolulu; (City of Salisbury) 423,000 lbs, Bombay; 7,650 lbs, Madras; 28,200 lbs, Calcutta; 2,548 lbs, Ingrid, St Thomas; 1,410 lbs, Belle Isle, St John; (Vindeggen) 1,000 lbs, Nuevitas; Caibarien; 2,000 lbs, Sagua, Santiago; (Blankaholm) 26,875 lbs, Stockholm; 3,525 lbs, Stockholm; (City of Flint) 22,560 lbs, Manchester; 12,700 lbs, Glasgow; 172,805 lbs, American Importer, Manchester
SULPHUR—22,000 lbs, Ayuruoca, Rio de Janeiro; 21,415 lbs, City of Dieppe, Sydney
TALC—308,175 lbs, American Oriole, London; 66,000 lbs, President Roosevelt, Havre; 20,154 lbs, Munargo, Havana
TANNING, MATERIAL — 14,410 lbs, Paraguayo, Montevideo
TOILET PREPS—132,302 lbs, Tiradentes, Amsterdam
TURPENTINE—2,750 gls, Bell Isle, St Johns; 2,500 gls, Thule, Buenos Aires; 550 gls, Paraguayo, Rosario; 1,250 gls, City of Dieppe, Melbourne
VARNISH—660 lbs, Lahaina, Honolulu; 3,885 lbs, City of Dieppe, Sydney; 9,944 lbs, Munargo, Havana
WITCH HAZEL EXTRACT—9,920 lbs, American Oriole, London
ZINC, OXIDE—2,260 lbs, Exminster, Istanbul

Baltimore Exports

Clearance Dates

Beemsterdijk, January 5; City of Baltimore, December 30; Extavia, December 30; Facto, December 30; Gorjistan, December 29; Liberty, December 29; Louisianan, January 4; Manchester Division, January 6; Nagara, December 29; Paraguayo, December 23; Peter Maersk, January 31; Quaker City, December 31; San Marcos, December 30; Steel Scientist, December 29

ACID, CHROMIC—4,400 lbs, City of Baltimore, Gothenburg
ASPHALT—2,210 lbs, Steel Scientist, Manila
PETROLEUM—6 tons, City of Baltimore, Gothenburg
SOLID—854,186 lbs, Liberty, Liverpool
BARYTES, GRD—50,000 lbs, Factor, Puerto Barco
BLEACHING LIQUID—55 gls, City of Baltimore, London
BUTYL ACETATE—2,003 lbs, Peter Maersk, Hongkong
CADMIUM LITHOPONE—2,972 lbs, City of Baltimore, London
CLEANER, FABRIC—1,071 lbs, City of Baltimore, Slough Bucks
COCOA WASTE—92,637 lbs, Beemsterdijk, Amsterdam
CORN SUGAR—121,800 lbs, City of Baltimore, London; 81,200 lbs, Manchester Division, Manchester
SYRUP—136,453 lbs, Manchester Division, Manchester; 136,459 lbs, Manchester Division, Liverpool
FIRE CLAY—17,000 lbs, Paraguayo, Rio Janeiro
13 tons, Louisianan, Galverry, Peru
GLASS, FRIT, CRSHD—35,800 lbs, Liberty, London; 10,000 lbs, City of Baltimore, London
GLUE, LIQ—789 lbs, San Marcos, Cristobal
GREASE, LUBRICATING—(Nagara) 21,620 lbs, Osaka; 10,718 lbs, Yokohama; (Paraguayo) 29,704 lbs, Rio Janeiro; 6,997 lbs, Montevideo; 875 lbs, San Marcos, Panama; 7,766 lbs, Peter Maersk, Hongkong
INSECTICIDE—1,019 lbs, City of Baltimore, Bagdad
OIL, MINERAL—3,780 gls, Manchester Division, Manchester
PEPPERMINT—1,200 lbs, City of Baltimore, London
PAINT, COPPER—400 gls, San Marcos, Cristobal
ENAMEL—10,229 lbs, Factor, Maracaibo
POLISH, METAL—1,290 lbs, Peter Maersk, Manila
RUTILE—1,500 lbs, City of Baltimore, Hamburg; (Manchester Division) 22,055 lbs, Manchester; 4,393 lbs, Liverpool
SAND, PREPARED—13,793 lbs, City of Baltimore, London
SILICATE SOL—100 gls, City of Baltimore, London
SODA, ASH—11,200 lbs, Peter Maersk, Manila
BICHROMATE—11,023 lbs, Paraguayo, Buenos Aires; 6,720 lbs, City of Baltimore, Calcutta; (Peter Maersk) 435,300 lbs, Manila; 33,000 lbs, Cebu
SOYBEAN MEAL—(Liberty) 50 tons, Liverpool; 100 tons, Glasgow; 100 tons, Dublin; (Beemsterdijk) 1,200 tons, Rotterdam/Amsterdam; 281 tons, Rotterdam
SPRUCE EXTRACT—(Nagara) 2,596 gls, Kobe; 2,620 gls, Yokohama; (Peter Maersk) 36,-748 lbs, Yokohama; 36,796 lbs, Kobe
STARCH, CORN—248,160 lbs, City of Baltimore, London; 124,080 lbs, Manchester Division, Manchester
PEARL—224,000 lbs, Manchester Division, Manchester
TITANIUM DIOXIDE—4,500 lbs, Paraguayo, Sao Paulo
ZINC OXIDE—10,000 lbs, Steel Scientist, Manila

Boston Exports

Clearance Dates

Black Gull, December 31; Culberson, December 31; Dromore, December 30; Evangeline, January 5; Excambion, January 4; Iriona, January 10; Lady Nelson, January 1; Mahseer, January 3; President Monroe, January 4; San Benito, January 3; Tokai, December 30

ALUMINA, OXIDE—4,213 bgs, 12 kgs, 1 bx, 424,552 lbs, Mahseer, London
SULPHATE—508 bgs, 112,014 lbs, Culberson, Buenos Aires
ANIMAL DIP—120 dms, 6,600 gls, President Monroe, Manila
ASBESTOS FIBER—26,253 bgs, Tokai, Japan
BAKING POWDER—9 crts, 60 bxs, 10 pails, 3,220 lbs, Dromore, St John's, N F
BLEACHING POWDER—1 crtn, 45 lbs, San Benito, Coco Solo, C Z
BRONZING LIQUID—1 dm, 65 gls, Dromore, St John's, N F
CARAWAY SEED—1 dm, 100 lbs, San Benito, Corozal
CEMENT, CAN—30 dms, 13,498 lbs, Culberson, Buenos Aires; 12 dms, 5,487 lbs, Mahseer, London
RUBBER—7 bbls, 353 gls, President Monroe, Manila
CLAY—193 bbls, 23 tons, Mahseer, London
CLEANER—1 crtn, 72 lbs, San Benito, Panama City; 70 cs, 805 lbs, Evangeline, Halifax
COCOA CAKE—263 bgs, 35,530 lbs, Black Gull, Amsterdam
DIATOMACEOUS EARTH—12 bgs, 600 lbs, Mahseer, London
DRESSING, LEATHER—1 cs, 14 lbs, San Benito, Panama; 2 cs, 272 lbs, Iriona, Port Limon
OILBOARD—1 cs, 6 gls, Culberson, Buenos Aires
SHOE — 5 bbls, 438 gls, Dromore, Leicester; 3 cs, 30 gls, President Monroe, Manila
FLUX—1 dm, 135 lbs, Excambion, Alexandrette
GLUE, MARINE PITCH—4 crts, 1,120 lbs, President Monroe, Honolulu
GLUESTOCK—2 bls, 730 lbs, Black Gull, Rotterdam
GREASE, LUBRICATING—12 pails, 672 lbs, Dromore, Liverpool
INK, MARKING — 1 cs, 2 qts, Culberson, Buenos Aires
PRINTING—10 dms, 550 gls, San Benito, Panama; 1 cs, 81 lbs, Mahseer, London; (President Monroe) 2 cs, Manila; 25 dms, 6,061 lbs, Singapore
WRITING—(President Monroe) 6 bxs, 695 lbs, Manila; 10 bxs, Manila; 39 bxs, Honolulu; 5 bxs, Tihue; 12 bxs, Kahului
INSECTICIDE—6 crtns, 111 lbs, Evangeline, Kentville, N S
INVALID'S FOOD—3 cs, 505 lbs, Lady Nelson, Hamilton; 15 cs, 357 lbs, President Monroe, Manila
LARD—1,500 bxs, 84,000 lbs, Mahseer, London
LIGNIN LIQUOR—10 bgs, 1,000 lbs, Mahseer, London
LINING COMP—11 dms, 1,062 lbs, Black Gull, Antwerp; 20 dms, 820 lbs, Excambion, Alexandrette
LUBRICANT, DRAWING—10 dms, 400 lbs, Mahseer, London
MEDICINAL PREPS—1 cs, 121 lbs, Lady Nelson, Hamilton; 275 bxs, 1,375 gls, Mahseer, London; 2 cs, 23 lbs, President Monroe, Honolulu; 5 cs, 363 lbs, Iriona, Panama City
MINERAL SPTS—10 dms, 514 gls, Dromore, St John's, N F
MUCILAGE—2 pkgs, 36 lbs, President Monroe, Honolulu
OIL, FISHLIVER—1 dm, 355 lbs, Evangeline, Halifax
LUBRICATING—1 cs, 42 lbs, Culberson, Buenos Aires; 1 pkg, 5 gls, Dromore, St John's N F; 10 bbls, 4,651 lbs, Mahseer, Wellingsboro
PAINT, ASPHALT—9 bxs, 50 gls, President Monroe, Honolulu
PASTE, ADHES—75 dms, 3,450 lbs, Mahseer, London; (President Monroe) 1 cs, 81 lbs, Manila; 15 cs, 459 lbs, Honolulu; 4 cs, 178 lbs, Kahului
FLOUR, DRY—1 bbl, 200 lbs, Dromore, St John's, N F
POLISH, SHOE—1 cs, 92 lbs, San Benito, Fort Davis, C Z; 7 cs, 1,622 lbs, Excambion, Damas; (President Monroe) 34 cs, 6,498 lbs, Manila; 6 bxs, 277 lbs, Honolulu; 5 bxs, 233 lbs, Hilo
PUTTY—18 crts, 15 dms, 10 bxs, 3,900 lbs, Dromore, St John's, N F; 4 dms, 3,845 lbs, President Monroe, Manila
SOAP, FLAKE—75 cs, 1,251 lbs, President Monroe, Honolulu
MEDICATED—3 cs, 474 lbs, President Monroe, Honolulu
POWDER—(President Monroe) 50 cs, 1,939 lbs, Kahului; 50 cs, 1,939 lbs, Nawiliwili; 600 cs, 24,115 lbs, Honolulu
TAR — (President Monroe) 10 cs, 250 lbs, Kahului; 50 cs, 1,260 lbs, Honolulu
SOLDERING SALTS—12 dms, 1,620 lbs, Mahseer, Capetown
TOILET PREPS—2 cs, 99 lbs, Iriona, Panama City
TURPENTINE, GUM—(Evangeline) 80 dms, 4,480 gls, St John, N B; 10 dms, 530 gls,

TURPENTINE, GUM (Continued):—
Moncton, N B; 5 bbls, 10 dms, 781 gls, Yarmouth, N S; 15 dms, 760 gls, Halifax
VANILLA BEANS—(Evangeline) 3 cs, 330 lbs, Woodstock, N B; 2 cs, 214 lbs, St John, N B
VARNISH—14 cs, 81 gls, Dromore, St John's, N F; 3 cs, President Monroe, Manila
WAX, SHOE—2 crtns, 100 lbs, Dromore, St John's, N F
WOOD PRESERVER—1 dm, 30 gls, Evangeline, St John, N B

Galveston Exports
Clearance Dates

Agra, December 30; Alberta, December 30; Belgian Gulf, January 4; Boschdijk, December 29; City of Joliet, January 3; James Hawson, January 4; Kimikawa, January 4; Ruth Lykes, December 31; Patrician, December 29; Ruth Lykes, December 31; Winnipeg, December 29

BLACK, CARBON—4 tons, Kimikawa, Dairen
KEROSENE—1,100 tons, James Hawson, Capetown
MOLYBDENITE—(Boschdijk) 220 tons, Antwerp; 264 tons, Rotterdam
CONCENTRATES—286 tons, Winnipeg, Antwerp
OIL, GAS—83,550 bbls, Belgian Gulf, Copenhagen; 5,500 tons, James Hawson, Capetown
LUBRICATING—(Ruth Lykes) 2 tons, Panama City; 2 tons, La Union
SOAPSTOCK—14 bbls, Boschdijk, London
SULPHUR — 30 tons, Patrician, Liverpool; (Boschdijk) 45 tons, London; 35 tons, Rotterdam; 160 bgs, Alberta, Trieste; 750 tons, Agra, Gdynia; (City of Joliet) 1,500 tons, London; 2,000 tons, Hull

Houston Exports
Clearance Dates

Alfred Olsen, December 30; Clare Hugo Stinnes, January 3; Effingham, December 29; Ferm, January 3; Gonzenheim, January 3; Kimikawa, January 3; Oilpioneer, December 30; Petrofina, December 31; Realf, January 3; Ruth Lykes, December 29; Scottish Musician, January 3; Winnipeg, December 31

BLACK, CARBON—(Effingham) 650 cs, 4,000 bgs, Havre; 50 cs, 1,792 bgs, Antwerp; 55 cs, 4,800 bgs, Rotterdam; 200 tons, Winnipeg, Havre; (Gonzenheim) 50 tons, Bremen; 25 tons, Hamburg; (Kimikawa) 1,205 bgs, Yokohama; 200 bgs, 60 cs, Osaka; 830 bgs, Kobe; 5,000 bgs, Moji transshipment at Kobe; 20 bgs, Hongkong transshipment at Kobe
COTTONSEED MEAL—(Effingham) 200 tons, Antwerp; 420 tons, Rotterdam
GASOLINE—86,250 bbls, Alfred Olsen, Copenhagen; 5,000 tons, Realf, Stockholm-Gothenburg
KEROSENE—15,000 bbls, Alfred Olsen, Copenhagen; 1,500 tons, Realf, Stockholm-Gothenburg
MOLYBDENITE, CONC—50 bbls, Clare Hugo Stinnes, Rotterdam
OIL, GAS—9,000 tons, Scottish Musician, Hamburg; 9,250 tons, Ferm, Hamburg
LUBRICATING—45 dms, Effingham, Antwerp; (Ruth Lykes) 10 tons, Cristobal; 15 tons, Puerto Colombia; 10 tons, Cartagena; 100 bbls, Winnipeg, Havre; 400 bbls, Gonzenheim, Hamburg; 22 dms, Kimikawa, Osaka
PETROLEUM, CRUDE — 65,000 bbls, Oilpioneer, Trieste
REFINED—70,000 bbls, Petrofina, Dunkirk
SULPHUR—40 tons, Ruth Lykes, Havana

Los Angeles Exports
Clearance Dates

Argyll, December 30; Athelknight, December 28; Awobasan, December 22; Corneville, December 24; Deroche, December 27; Hoegh Transporter, December 13; Hokkai, December 23; La Placentia, December 23; Lochgoil, December 22; Mariposa, December 8; Marit, December 23; Montebello, December 26; Ogura, December 21; Ontariolite, December 26; Pacific Exporter, December 24; President Coolidge, December 6; President Garfield, December 20; Salawati, December 21; Santa Rosa, December 11; Takaoka, December 23; Triton, December 28; Trondanger, December 20

ACID—20 cyls, 1,650 lbs, Takaoka, Manzanillo
CRESYLIC—4,300 lbs, Hoegh Transporter, Manila
ASPHALT—(Deroche) 150 bbls, 82,880 lbs, Panama; 30 bbls, 15,680 lbs, Colon
BORATE—1,149 bgs, 214,070 lbs, President Coolidge, Osaka
BORAX—40 bgs, 4,480 lbs, Takaoka, Manzanillo; 672 cs, 67,200 lbs, Salawati, Lourenco Marques; (President Coolidge) 98 bgs. 10,980 lbs, Yokohama; 75 pkgs, 11,110 lbs, Osaka; 50 bgs, 5,600 lbs, President Garfield, Bombay; 340 bgs, 38,080 lbs, Mariposa, Sydney
CHEMICALS—320 lbs, Triton, Hongkong
CLAY, GRD—200 sx, 10,000 lbs, Salawati, Germiston; (Hoegh Transporter) 110 bgs, 11,000 lbs, Sourabaya; 40 bgs, 4,480 lbs, Tjepoe; 200 bgs, 20,000 lbs, Balik Papan; 80 sx, 4,000 lbs, Mariposa, Melbourne
CLEANER—20 cs, 1,130 lbs, President Garfield, Hongkong
COLOR, DRY—4,920 lbs, Mariposa, Melbourne
GASOLINE—6,099 bbls, 1,591,840 lbs, Ogura, Tokuyama; 18,538 bbls, 4,838,420 lbs, Deroche, Balboa
GREASE—32 pkgs, 5,100 lbs, Deroche, Panama
INFUSORIAL EARTH—1,475 bgs, 144,930 lbs, Trondanger, London; 1,020 bgs, 102,140 lbs, Santa Rosa, Havana; (Mariposa) 349 bgs, 32,480 lbs, Sydney; 260 bgs, 25,980 lbs, Melbourne
KEROSENE—(Deroche) 1,500 bbls, 427,500 lbs, Balboa; 2,500 cs, 212,500 lbs, Panama
LACQUER THINNER—2,780 lbs, Hoegh Transporter, Bombay; (President Coolidge) 1,490 lbs, Hongkong; 24,860 lbs, Manila
MINERAL SPTS—15 dms, 10 cs, 6,250 lbs, Deroche, Panama
OIL, DIESEL—52,527 bbls, 16,388,420 lbs, Marit, Onagawa; 6,763 bbls, 2,110,060 lbs, Corneville, Powell River; 7,927 bbls, 2,473,220 lbs, Triton, Yokohama; 89,754 bbls, 28,003,250 lbs, Athelknight, Genzan; 8,500 bbls, 2,652,000 lbs, Deroche, Balboa
FUEL—7,748 bbls, 2,580,080 lbs, Awobasan, Tama; 74,091 bbls, 24,672,300 lbs, Montebello, Burnaby; 24,528 bbls, 8,167,820 lbs, La Placentia, Vancouver; 2,740 bbls, 912,420 lbs, Phyllis Soto, Manchester; 23,328 bbls, 7,764,890 lbs, Argyll, Guayaquil
LUBRICATING—(Hoegh Transporter) 120 cs, 12,000 lbs, Batavia; 17 cs, 1,700 lbs. Padang; 99 cs. 8 qtr bbls, 4 half bbls, 5 bbls, 14,550 lbs, Medan; (Deroche) 153 ctns, 118 dms, 65,960 lbs, Panama; 10 dms, 5,040 lbs, Colon; 300 dms, 147,050 lbs. Mariposa, Melbourne
SALAD — 2,300 lbs. President Coolidge, Manila; 3,400 lbs, President Garfield, Manila
PAINT, LIQ—2,700 lbs, Hoegh Transporter, Manila
PECTIN, CITROUS—600 lbs, Mariposa, Melbourne
PETROLEUM, CRUDE—67,698 bbls, 21,121,780 lbs, Ogura, Tokuyama; 51,172 bbls, 15,965,660 lbs, La Placentia, Ioco; 84,093 bbls, 26,237,020 lbs, Ontariolite, Ioco
SOAP, TOILET—2,520 lbs, President Coolidge, Manila; 850 lbs, President Garfield, Manila
SODA ASH—101 bgs, 20,200 lbs, Hoegh Transporter, Singapore
CARBONATE—800 lbs, Mariposa, Sydney
SULPHITE—800 lbs, Mariposa, Sydney
TALC—180 sks, 17,920 lbs, President Coolidge, Manila; 1,600 bgs, 80,000 lbs, Triton, Manila; 40 bgs, 4,000 lbs, Mariposa, Sydney
TOILET PREPS—300 lbs, President Garfield, Hongkong

New Orleans Exports
Clearance Dates

Baja California, November 19; Burgerdijk, December 27; Cadmus, December 1; Chancellor, December 7; Dryden, December 1; Kimikawa, December 27; Lysefjord, November 24; Metapan, November 30; Minnie de Larrinaga, December 18; Port Antonio, November 26; Recca, December 21; Santa Marta, November 23, December 3; Sinaloa, November 27; Sixaola, November 20; Tanimbar, December 23; Tivives, November 26; West Cohas, December 15; West Tacook, December 18

ASPHALT — 45 tons, Minnie de Larrinaga, Havre; 310 dms, Sixaola, Guayaquil; 119 dms, Tivives, Panama; 27 tons, West Cohas, Havre; 30 tons, Dryden, London; 460 dms, Santa Marta, Cristobal; 193 sx, Chancellor, Manchester; 32 tons, Recca, Marseilles; (Minnie de Larrinaga) 19 tons, Havre; 3 tons, Antwerp; 21 tons, West Cohas, Havre
BAKING POWDER — 1 ton, Port Antonio, Belize
BLACK, CARBON — 72 tons, Recca, Marseilles; 1 ton, Minnie de Larrinaga, Havre; 28 tons, West Cohas, Havre; 40 tons, Dryden, London; (Tanimbar) 40 cs, Port Swettenham; 170 cs, Singapore; 832 sx, Batavia; (Kimikawa) 2 tons, Yokohama; 11 tons, Osaka; 25 tons, Kobe; (Chancellor) 630 cs, Manchester; 2,070 sx, Liverpool-Manchester
CALCIUM ARSENATE — 800 dms, Tivives, Pisco; 550 dms, Santa Marta, Callao
CLAY—27 tons, Minnie de Larrinaga, Havre; 100 sx, Tivives, Puerto Colombia
ACTIVATED — 158 tons, West Cohas, Havre
FERTILIZER — 16 sx, Santa Marta, Cristobal
FIRECLAY — 3 tons, Recca, Marseilles; 50 tons, Sixaola, Panama City; 115 tons, Tivives, Tocopilla; (Santa Marta) 57 tons, Havana; 36 tons, Puerto Colombia; 24 tons, Cadmus, Puerto Colombia
GASOLINE—(Port Antonio) 400 dms, 21 cs, Belize; 280 dms, 360 bbls, 50 cs, Puerto Barrios; 150 cs, 30 dms, Sinaloa, Bluefields; 50 dms, Baja California, Bluefields; 1 ton, West Cohas, Rotterdam
GREASE, LUBRICATING—40 qtr dms, Sixaola, Cartagena; 10 pls, 16 cs, Metapan, Puerto Barrios; (Tivives) 10 dms, 10 qtr dms, Havana; 50 cs, Bocas del Toro; (Santa Marta) 8 qtr dms, 1 dm, 5 cs, Corinto; 50 qtr dms, Guayaquil
INK—10 dms, Sixaola, Havana; 10 dms, Santa Marta, Havana
INSECTICIDE—12 dms, Sixaola, Callao
LIQUID—200 cs, 14 dms, Santa Marta, Guayaquil
KEROSENE—80 cs, Port Antonio, Belize; 50 cs, Sinaloa, Bluefields; 100 cs, 5 dms, Baja California, Bluefields; 600 cs, Metapan, Tela; (Santa Marta) 50 dms, Puerto Barrios; 200 cs, Puerto Cortez; 350 cs, 30 ctns, 28 dms, Tivives, Puerto Limon; 25 cs, Cadmus, Kingston
LARD—(Sixaola) 2,592 tins, 775 dms, Havana; 250 tins, Panama; 600 tins, Puerto Limon; 100 tins, Puntarenas; 20 cs, Baja California, Bluefields; 125 dms, 50 tins, Lysefjord, Santiago; (Tivives) 200 crts, 1,710 dms, 1,200 tins, Havana; 300 tins, Guayaquil; (Santa Marta) 3,095 tins, 375 crts, 1,325 dms, Havana; 200 tins, Puerto Barrios; 2,650 tins, Panama; (Cadmus) 100 tins, 40 dms, Manzanillo; 420 tins, 4 cs, Santiago
SUBSTITUTE—1 ton, Kimikawa, Yokohama
LIME—15 tons, Santa Marta, Panama
OIL, COTTONSEED—25 dms, Sixaola, Havana; 2 tons, 10 dms, Tivives, Havana
FUEL—100 dms, Port Antonio, Belize; 60 dms, Sinaloa, Bluefields; 30 dms, Baja California, Bluefields; 150 dms, Santa Marta, Puerto Barrios
GAS—25 dms, Port Antonio, Belize
LUBRICATING—103 tons, Recca, Marseilles; 398 bbls, West Tacook, Venice; (Minnie de Larrinaga) 188 tons, Havre; 74 tons, Dunkirk; 106 tons, Antwerp; 9 dms, Sinaloa, Bluefields; 2 dms, Baja California, Bluefields; 3 dms, Metapan, Puerto Barrios; 10 dms, Tivives, Havana; 48 tons, West Cohas, Havre; (Dryden) 41 tons, London; 19 tons, Hull; (Tanimbar) 5 dms, Padang; 1,366 dms, Balik Papan; (Kimikawa) 15 tons, Yokohama; 54 tons, Kobe; 6 tons, Dairen; (Santa Marta) 15 dms, Corinto; 10 dms, Guayaquil
PINE—3 dms, Sixaola, Havana; 5 dms, Tanimbar, Batavia; 24 tons, Kimikawa, Yokohama
REFINED — (Port Antonio) 250 dms, Belize; 600 cs, Puerto Barrios
PAINT — 1 ton, Santa Marta, Puerto Cortez
PARAFFIN — 127 sx, West Tacook, Trieste; 10 tons, Minnie de Larrinaga, Havre; (Sixaola) 200 sx, Puerto Limon; 100 sx, Guayaquil; 100 sx, Tivives, Guayaquil; 28 tons, Dryden, London; (Santa Marta) 100 sx, Puerto Limon; 75 sx, Puntarenas; 211 bbls, Chancellor, Manchester
PETROLATUM — 24 tons, Recca, Saigon
PINETAR—30 tons, Burgerdijk, London
PITCH — 30 dms, Tivives, Puerto Colombia
PRESERVER, WOOD — 6 dms, Santa Marta, Havana
ROOT — 2 tons, Dryden, London
ROSIN — 3 tons, Recca, Casa Blanca; (Sixaola) 5 dms, Havana; 100 bbls, Puerto Colombia; 40 bbls, Guayaquil; (Tivives) 184 bbls, Havana; 120 dms, 100 sx, Cartagena; 100 sx, 100 bbls, Puerto Colombia; 22 tons, Dryden, London; (Tanimbar) 20 tons, Olehleh; 12 dms, Tandjong, Balei; 125 dms, Singapore; 35 dms, Padang; 30 dms, Sibolga; 50 dms, Cheribon; 20 dms, Semarang; 20 dms, Macassar; 70 tons, Kimikawa, Osaka; (Santa Marta) 200 sx, 30 dms, Cartagena; 80 dms, Buenaventura
GUM — 31 dms, Sixaola, Panama; 25 dms, Tivives, Panama
WOOD — 10 dms, Sixaola, Havana; 10 dms, Tivives, Panama; 70 dms, Santa Marta, Puerto Limon
SALT — (Sixaola) 35 tons, Havana; 25 tons, Crsitobal; 1 ton, Puerto Limon; 25 tons, Port Antonio, Belize; 1 ton, Sinaloa, Bluefields; 3 tons, Baja California, Bluefields; (Santa Marta) 27 tons, Puerto Cortez; 28 tons, Cristobal
SHRIMP BRAN — 40 sx, Sixaola, Cristobal; 30 sx, Tivives, Cristobal
SOAP — 156 cs, Santa Marta, Panama
SODA, CAUSTIC — 65 dms, Cadmus, Santiago
NITRATE — 10 sx, Tivives, Cristobal
SULPHUR — 3,285 tons, Dryden, Hull
TRIPOLI — 24 tons, West Cohas, Rotterdam
TURPENTINE — 6 dms, Cadmus, Santiago
WOOD — 35 cs, 210 dms, Sixaola, Havana

Norfolk Exports
Clearance Dates

City of Baltimore, December 31; Tai Ping, January 3; Tanimbar, December 30

ALCOHOL, BUTYL—240 dms, City of Baltimore, London
ISOPROPYL—30 dms, City of Baltimore, London
OCTYL—8 dms, City of Baltimore, London
BUTYL ACETATE—689 dms, City of Baltimore, London
CORNFLOUR—440 bgs, Tai Ping, Iloilo
DEER TONGUE LEAVES—12 bls, 5,904 lbs, City of Baltimore, Hamburg
DIETHYLENEGLYCOL—118 dms, 200 cbys, City of Baltimore, London
MONOETHYLETHER—168 dms, City of Baltimore, London
ETHYLENEGLYCOL—10 dms, 40 cbys, City of Baltimore, London
MONOBUTYLETHER—230 dms, City of Baltimore, London
MONOETHYLETHER—450 dms, City of Baltimore, London
MONOMETHYLETHER — 80 dms, City of Baltimore, London
FIRECLAY—900 bgs, 92,700 lbs, Tanimbar, Batavia
ISOPROPYL ACETATE—30 dms, City of Baltimore, London
METHYL AMYLACETATE—5 dms, City of Baltimore, London
MONOETHANOLAMINE—30 dms, City of Baltimore, London
PROPYLENEGLYCOL—13 dms, City of Baltimore, London
STARCH, CORN—2,560 bgs, 363,240 lbs, City of Baltimore, London
TANNING EXTRACT—15 bgs, Tai Ping, Manila
TRIETHANOLAMINE—179 dms, City of Baltimore, London

Philadelphia Exports
Clearance Dates

Benedict, December 31; City of Elwood, December 31; Kota Radja, January 3; Liberty, January 7; Mahseer, December 31; Paraguayo, December 30; Scanpenn, January 3; Tokai, January 3; Trongate, January 3; Uganda, January 5; Vermont, January 3; Vincent, January 6

ANTIKNOCK COMP—100 dms, Mahseer, London
BLACK, BONE—10 bgs, Scanpenn, Gothenburg
BUTYL ACETATE—42 dms, Scanpenn, Stockholm
CEMENT, FIBER—5 dms, Paraguayo, Santos; 2 dms, 1 pl, Uganda, Buenos Aires
RUBBER—1 cs, 3 dms, Paraguayo, Santos; 4 dms, Uganda, Buenos Aires
CHEMICALS—5 cs, Tokai, Yokohama
CLEANER—4 dms, 2 bbls, Vincent, Havre
COLORS, COALTAR—144 dms, City of Elwood, Bombay
ETHYL FLUID—13 dms, Vincent, Havre
GRAPHITE—7 bbls, City of Elwood, Calcutta
GREASE, LUBRICATING—3 dms, 1 cs, City of Elwood, Bombay; 2 dms, Mahseer, London; 4 bbls, 5 dms, Scanpenn, Gothenburg; 15 cs, Vincent, Havre; 1 dm, Paraguayo, Santos; 2 dms, Uganda, Buenos Aires
INSECTICIDE—9 bxs, 8 dms, Mahseer, London
IRON SAND—590 bgs, Scanpenn, Helsingfors
LICORICE PASTE—135 cs, Mahseer, London; 5 cs, Scanpenn, Gothenburg
LINSEED CAKE—(Liberty) 2,880 bgs, Liverpool; 640 bgs, Dublin
MEDICINAL PREPS—(City of Elwood) 3 cs, Lahore; 7 cs, Allahabad
NITROCELLULOSE—500 bbls, Mahseer, London
OIL, COALTAR—24 dms, Mahseer, London; 180 dms, Vermont, Cristobal
LUBRICATING—(Trongate) 291 bbls, 23 dms, 641 cs, Lisbon; 9 pkgs, St Vincent; 10 pkgs, Praia; 13 pkgs, Porto Amboin; 40 pkgs, Mossamedes; 90 pkgs, Benguela; 55 pkgs, Loanda; 15 pkgs, Dilolo; (City of Elwood) 754 dms, Karachi; 1,213 dms, 1 cs, Bombay; 5 dms, Colombo; 65 dms, Madras; 34 dms, Pondicherry; 120 dms, Calcutta; (Benedict) 130 cs, Cabedello; 10 dms, 30 cs, Pernambuco; 52 dms, 143 bbls, Mahseer, London; 12 dms, Tokai, Yokohama; (Scanpenn) 18 dms, Gothenburg; 89 dms, 74 pkgs, 26 bbls, Copenhagen; 10 pkgs, Helsingfors; (Kota Radja) 270 dms, 5 pkgs, Batavia; 25 dms, 139 cs, 2 bxs, 315 pkgs, Bangkok; 209 pkgs, Penang; 30 pkgs, Port Swettenham; 300 pkgs, Singapore; 15 pkgs, Padang; 2 pkgs, Sibolga; 20 pkgs, Palembang; (Vincent) 603 bbls, Havre; 30 pkgs, 631 bbls, Dunkirk; 3 dms, Paraguayo, Santos; 3 dms, Uganda, Buenos Aires
NEATSFOOT—10 dms, Scanpenn, Gothenburg; 30 bbls, Vincent, Havre
PAINT—75 pls, 11 dms, Paraguayo, Santos; 174 pls, 32 dms, Uganda, Buenos Aires
PARAFFIN—12 bbls, Scanpenn, Copenhagen
REFINED—300 ctns, Vermont, Paita
SEMI REFD—30 cs, Mahseer, London
PLASTIC—145 dms, Scanpenn, Gothenburg
POLISH—6 dms, Tokai, Yokohama; 1 pl, Paraguayo, Santos
RESIN, COALTAR—28 dms, Mahseer, London
RUTILE—15 dms, Scanpenn, Gothenburg
SILICA—200 bgs, Mahseer, London
SOAP—600 bxs, Mahseer, London
SODA BICHROMATE — 1 pl, Paraguayo, Santos; 1 pl, Uganda, Buenos Aires
TANNERS BATE—2 dms, Tokai, Kobe; 8 bbls, Vermont, Arequipa via Mollendo
TANNING EXTRACT—2 kegs, Tokai, Kobe

Port Arthur Exports
Clearance Dates

Agra, December 18; Brunswick, December 21; Delvalle, December 21; Jotunfjell, December 17; Prometeo, December 24; Rapalla, December 18; Seirstad, December 20

ASPHALT—179 bbls, 157 dms, Agra, Gothenburg
LIQUID—10 cs, Agra, Gothenburg (Delvalle) 20 dms, 17 bxs, Santos; 30 dms, Buenos Aires
SOLID—(Delvalle) 204 dms, Rio de Janeiro; 1,399 dms, Santos
BENZOL—3,322 bbls, Seirstad, Vigo
ETHYL FLUID—20 bbls, Seirstad, Vigo
GASOLINE — (Jotunfjell) 25,714 bbls, Capetown; 14,285 bbls, East London; 47,908 bbls, Durban; 111,438 bbls, Seirstad, Vigo; 50 dms, Brunswick, Buenos Aires
GREASE, LUBRICATING—(Agra) 143 dms, 40 cs, 1 bx, Oslo; 922 cs, 615 dms, Gothenburg (Delvalle) 20 cs, 20 dms, Rio de Janeiro; 24 bbls, 206 dms, 526 cs, Santos; 165 dms, 40 cs. Montevideo; 18 bbls, 1 dm, Buenos Aires
KEROSENE — (Jotunfjell) 2,500 bbls, Capetown; 4,373 bbls, Durban
OIL, LUBRICATING—(Agra) 80 dms, 5 bbls, Oslo; 489 dms, Gothenburg; (Delvalle) 179 dms, 20 cs, Rio de Janeiro; 505 dms, 2,280 cs, Santos; 610 dms, 325 cs, Montevideo; 715 dms, 382 cs, 4 bbls, Buenos Aires
LUBRICATING COMP—5 dms, Brunswick, Buenos Aires
PARAFFIN—(Jotunfjell) 2,285 bbls, Capetown; 1,428 bbls, East London; 2,558 bbls, Durban
PETROLEUM, CRUDE—57,278 bbls, Rapallo, Fiume; 99,939 bbls, Brunswick, Buenos Aires; 52,355 bbls, Prometeo, Venice
SOLVENT PAINT—100 dms, Agra, Gothenburg
WAX—5 cs, Delvalle, Rio de Janeiro
REFINED—2 cs, Agra, Gothenburg

San Francisco Imports
Clearance Dates

Annie Johnson, December 17; Bengkalis, December 23; Hoegh Transporter, December 18; Llandaff, December 23; Martin Bakke, December 20; Pacific Enterprise, December 24; Pacific Exporter, December 22; Santa Paula, December 23; Takaoka, December 21; Tatsuta, December 21; Texada, December 23; Trondanger, December 18; Wyoming, December 20

ACETONE—64 dms, Llandaff, Australia
ACID, BORIC—42 sks, Llandaff, Australia
ALUM—2 bbls, Santa Paula, San Salvador
ALUMINA STEARATE—7 cs, Hoegh Transporter, Philippine Islands
AMMONIA, ANHYD—(Hoegh Transporter), 477 cyls, Sumatra; 80 cyls, Persian Gulf
SULPHATE—2 bbls, Hoegh Transporter, Philippine Islands
AMMONIAC, SAL—11 dms, Texada, Vancouver
ANTISEPTIC—1 cs, Hoegh Transporter, Sumatra
APRICOT KERNELS—(Annie Johnson), 30 sks, Goteborg; 100 sks, Odense; 10 sks, Malmo; 30 sks, Pacific Exporter, London
ASPHALT—1,109 dms, Hoegh Transporter, Federated Malay States; 1 dm, Pacific Exporter, London; 10,368 dms, 115 cs, Llandaff, Australia; (Bengkalis), 370 dms, Port Swettenham; 3,025 dms, Singapore-Port Swettenham; 3,035 dms, Singapore-Port Swettenham-Penang
CRUDE—212 sks, Llandaff, Australia
GILSONITE—103 sks, Wyoming, France; 206 sks, Martin Bakke, England
SOLID—8,950 dms, Llandaff, Australia
BENZENE—26 dms, Llandaff, Tasmania
BENZIN—50 dms, Llandaff, Australia
BITUMINOUS SOL—2 cs, Trondanger, Moscow
BLACK, CARBON—10 cs, Hoegh Transporter, Java
BLEACHING POWDER—5 dms, Santa Paula, La Libertad
BLUE, LAUNDRY—25 cs, Hoegh Transporter, Philippine Islands
BORAX—95 sks, Llandaff, Australia
BORDEAUX MIXTURE—6 kegs, Hoegh Transporter, Philippine Islands
CALCIMINE—20 kgs, Hoegh Transporter, Philippine Islands; 60 kgs, 12 bbls, Santa Paula, Bogota
CARAWAY SEED—2 cs, Hoegh Transporter, Philippine Islands
CEMENT—4 pls, Takaoka, Valparaiso
CAN—61 dms, Texada, Vancouver
CHEMICALS—1 dm, Tatsuta, Tokyo
CINNAMON QUILLS—4 bls, Santa Paula, San Jose de Guatemala
CLEANER—15 cs, Hoegh Transporter, Bahrein
CLOVES—4 sks, Santa Paula, San Jose de Guatemala
COALTAR—1 dm, 15 cs, Santa Paula, Mazatlan
COCOA BEANS—290 sks, Tatsuta, Yokohama
BUTTER—34 cs, Llandaff, Australia
PASTE—150 bbls, Llandaff, Australia
COLOR, DRY—4 kegs, Wyoming, France; 2 kegs, Tatsuta, Yokohama
GASOLINE—1 cs, Texada, Shellburn
SHOWCARD—6 cs, Pacific Enterprise, Vancouver
COPRA—802 sks, Takaoka, Panama City
CORK SHEET—1 cs, Llandaff, Australia
DENTIFRICE—20 cs, Hoegh Transporter, Sumatra
DRUGS—(Hoegh Transporter), 1 cs, Sumatra; 164 cs, 1 dm, Philippine Islands; (Tatsuta), 18 cs, Yokohama; 18 cs, Kobe
FILTER PAPER—3 cs, Hoegh Transporter, Philippine Islands
FLINT, GRD—75 dms, Texada, Vancouver
FLYSPRAY—(Hoegh Transporter), 10 cs, Madras; 2 cs, India
GLUE, SIZING—1 cs, Hoegh Transporter, Philippine Islands
GREASE—(Hoegh Transporter), 7 cs, Federated Malay States; 25 cs, 12 crts, Bahrein; 20 pls, Tatsuta, Yokohama; 130 dms, 20 qtr dms, Llandaff, Australia; (Texada), 41 dms, 77 pls, 24 cs, Shellburn; 2 bbls, Vancouver
INK, PRINTING—1 cs, Hoegh Transporter, Batavia; 20 dms, Llandaff, Australia; (Texada) 1 cs, James Island; 1 dm, Vancouver; 12 dms, Victoria
INSECTICIDE, LIQ—30 cs, Hoegh Transporter, Bahrein
LACQUER—34 dms, 8 cs, Trondanger, Moscow; 3 cs, Santa Paula, Panama
PRIMER—16 cs, Trondanger, Moscow
THINNER—14 dms, Trondanger, Moscow; 10 pls, Santa Paula, Panama
LARD SUBSTITUTE—500 tins, Santa Paula, Cristobal
LEAD ACETATE—1 cs, Santa Paula, Mazatlan
GRANULATED—1 cs, Santa Paula, Mazatlan
RED, DRY—200 kgs, 10 dms, Hoegh Transporter, Philippine Islands; 4 bbls, Santa Paula, Mazatlan
WHITE, IN OIL—400 kgs, Hoegh Transporter, Philippine Islands
LIGHTER FLUID—200 cs, Texada, Shellburn
LITHARGE — 10 pls, Hoegh Transporter, Philippine Islands; 3 pls, Santa Paula, Mazatlan
DRY—6 dms, Hoegh Transporter, Philippine Islands
LUBRICANT—5 cs, Llandaff, Australia; 1 cs, Texada, Shellburn
MEDICINAL PREPS—1 pkg, Tatsuta, Osaka
MILK POWDER—125 bbls, Hoegh Transporter, Philippine Islands; 8 cs, Santa Paula, Ciudad Bolivar
SUGAR—224 bbls, Pacific Exporter, London
MILLET SEED—10 sks, Texada, Victoria
MUSTARD, POWD—2 cs, Santa Paula, Guatemala
NAPHTHA—1,450 dms, Llandaff, Australia
64 dms, Texada, Vancouver
NITROCELLULOSE—3 dms, Texada, Victoria
NUTMEGS—1 sk, Santa Paula, Limon
OIL—1 dm, 1 cs, Texada, Vancouver
COCONUT—(Santa Paula) 30 dms, Tumaco; 65 cs, Guayaquil; 5 dms, Guatemala
COTTONSEED—8 dms, Santa Paula, Tumaco
GAS—7,334 bbls, Hoegh Transporter, Philippine Islands
LINSEED—1 dm, Santa Paula, Mazatlan

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Products Wanted

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Services Wanted

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PALM—2 dms, Santa Paula, La Libertad
PAINT — 3 cs, Trondanger, Moscow; (Hoegh Transporter) 15 pls, Java; 20 kgs, 9 cs, Philippine Islands; 2 dms, 30 pls, Straits Settlements; (Santa Paula) 55 cs, 17 dms, Colon; 4 pls, 7 cs, Mazatlan; 2 pls, Valparaiso; 25 cs, Bogota; 1 cs, Panama
ACIDPROOF — 4 cs, Trondanger, Moscow
ENAMEL — 54 pls, Santa Paula, Mazatlan
REMOVER — 4 cs, Santa Paula, Panama
THINNER — 6 dms, Hoegh Transporter, Bahrein; 2 pls, Santa Paula, Panama
PECTIN — 1 kg, Tatsuta, Yokohama
PETROLEUM — 50 cs, Hoegh Transporter, Colombo
REFINED — 1 dm, Hoegh Transporter, Persian Gulf; 780 dms, Llandaff, Australia
PIGMENT, PAINT — 1 bbl, Hoegh Transporter, Philippine Islands
POLISH, FURNITURE — 10 cs, Hoegh Transporter, Bahrein
SHOE — 16 cs, Hoegh Transporter, Philippine Islands
SILICATE — 1 cs, Santa Paula, Guatemala
POTASH ETHYLXANTHATE — (Wyoming) 10 dms, Chile; 76 dms, Peru
XANTHATE — 4 dms, Santa Paula, Oruro
PUTTY — 5 cs, Hoegh Transporter, Philippine Islands
SAGE — 1 bbl, Hoegh Transporter, Philippine Islands
SALT — 517 tons, Texada, Vancouver
SOAP, LAUNDRY — 1,600 cs, Hoegh Transporter, Philippine Islands
TOILET — 100 cs, Santa Paula, Panama
SODA — 3 kgs, Hoegh Transporter, Philippine Islands
ASH — 10 sks, Santa Paula, La Libertad
SILICATE — 25 dms, Tatsuta, Osaka
SOLVENT — 55 dms, Hoegh Transporter, Philippine Islands
DRAINPIPE — 1 cs, Santa Paula, Guatemala
LACQUER— 2 dms, 2 cs, Trondanger, Moscow
SALT — 10 cs, Santa Paula, Guatemala
SULPHUR — 34 sks, Santa Paula, San Jose de Guatemala
REFINED — 134 tons, Santa Paula, Mazatlan
SUPERPHOSPHATE — 1 bbl, Hoegh Transporter, Philippine Islands
TALLOW — 55 csks, Santa Paula, Havana
TAPIOCA — (Santa Paula) 2 sks, San Salvador; 1 sk, San Jose de Guatemala
TOILET PREPS — 1 cs, Hoegh Transporter, Philippine Islands; 1 cs, Tatsuta, Yokohama; 2 cs, Santa Paula, Guatemala; 4 cs, Texada, Vancouver
TOLUOL — 3 cs, Texada, Vancouver
TONIC — 2 cs, Hoegh Transporter, Java
TURPENTINE—1 cs, Trondanger, Moscow
GUM—25 dms, Llandaff, Australia
WAX, PASTE — 13 cs, Hoegh Transporter, Bahrein
WELDING COMP — 2 cs, Hoegh Transporter, Philippine Islands; 1 cs, Tatsuta, Tokyo
ZINC DUST — 91 dms, Hoegh Transporter, Philippine Islands; (Santa Paula) 50 cs, 25 dms, Mazatlan; 35 cs, Ciudad Bolivar
OXIDE — 1 cs, Hoegh Transporter, Philippine Islands; 2 kgs, Santa Paula, San Salvador

Savannah Exports

Clearance Dates

Monstella, January 4; Shickskinny, December 31; Silversandal, December 26

CLAY — (Shickshinny) 1,200 bgs, Manchester; 600 bgs, Hamburg
GLUCOSE — 27 bbls, Silversandal, Manila
ROSIN, GUM — 25 bbls, Monstella, Trieste; (Shickshinny) 1,087 bbls, Hamburg; 200 bbls, Newcastle
TURPENTINE — 1 bx, Monstella, Genoa
GUM — (Shickshinny) 150 bbls, Liverpool; 150 bbls, Manchester; 25 bbls, Hamburg

Tampa Exports

Clearance Dates

Aspasia, January 1; Delphio, December 31; Eglantine, December 31; Elmsport, January 3; Gonzenheim, December 28; Oxelosund, December 29; Tortugas, December 30

PHOSPHATE — 5,504 tons, Gonzenheim, Rotterdam; 3,155 tons, Eglantine, Fiume; 7,347 tons, Delphio, Stettinhafen; 6,650 tons, Aspasia, Garston; 3,800 tons, Elmsport, Hamburg; 7,351 tons, Oxelosund, Aalborg; 2,229 tons, Tortugas, Gdynia

PHOSPHATE (Continued):—

Coastwise Shipments

Galveston Coast Trade

SULPHUR—(W R Keever) 1,700 tons, Tacoma; 500 tons, Anacortes; 500 tons, Bellingham; 1,000 tons, Hoquiam; 1,700 tons, Port Angeles

Los Angeles Coast Trade

GASOLINE — 75,555 bbls, Agwiworld, Portland; 56,182 bbls, Arizona, San Francisco; 41,500 bbls, Hagan, Seattle; 6,537 bbls, San Diegan, San Diego; 10,361 bbls, La Purisima, San Diego; 18,591 bbls, Deroche, Paulsboro; 9,000 bbls, Elwood, Sewaren
KEROSENE — 72,000 bbls, Elwood, Sewaren
DISTILLATE — 1,697 bbls, San Diegan, San Diego
OIL, DIESEL — 8,907 bbls, Agwiworld, Portland; 32,700 bbls, Hagan, Seattle; 1,456 bbls, San Diegan, San Diego; 8,827 bbls, La Purisima, San Diego
FUEL — 2,442 bbls, Coast Banker, Seattle; 68,751 bbls, Cathwood, Tacoma; 15,932 bbls, La Purisima, San Diego; 48,758 bbls, Torres, San Francisco, San Francisco
SOLVENTS — 43,593 bbls, Deroche, Paulsboro

Mobile Coast Trade

ROSIN — 4 tons, Mathew Luckenbach, Seattle

San Francisco Coast Trade

BONE MEAL—417 sks, Charles L Wheeler, Jr, Portland, Ore
25 tons, Celilo, San Diego
25 tons, Celilo, Los Angeles
COCONUT, DESIC—100 cs, Florence Luckenbach, Houston
332 cs, Florence Luckenbach, New Orleans
1,000 cs, Santa Paula, New York
CORE COMPOUND—65 dms, Santa Paula, New York
GLUE, DRY—150 sks, Santa Paula, New York
INK—117 dms, Point San Pablo, Seattle
LARD SUBSTITUTE—16 tons, Charles L Wheeler, Jr, Portland, Ore
MAGNESITE—44 tons, Susan V Luckenbach, New York
MILK POWDER—16 tons, Susan V Luckenbach, New York
24 tons, Susan V Luckenbach, Philadelphia
OIL—3,000 pkgs, Point San Pablo, Point Wells
CHINAWOOD—255 dms, Susan V Luckenbach, New York
99 dms, Florence Luckenbach, Houston
101 dms, Florence Luckenbach, New Orleans
501 dms, Santa Paula, New York
FURNACE—77,000 bbls, District of Columbia, Baltimore-Providence
LUBRICATING—60 dms, Point San Pablo, Tacoma
65 tons, Celilo, Los Angeles
OLEOMARGARIN—4,002 pkgs, Charles L Wheeler, Jr, Portland, Ore
3,365 cs, Harry Luckenbach, Portland, Ore
PAINT AND VARNISH—699 pkgs, Harry Luckenbach, Seattle
PASTE, ADHESIVE—20 cs, 10 sks, Minnesotan, Portland, Ore
RHUBARB ROOT—25 cs, Santa Paula, New York
SALT—720 sks, Point San Pablo, Seattle
720 sks, Point San Pablo, Tacoma
1,480 pkgs, Charles L Wheeler, Jr, Portland, Ore

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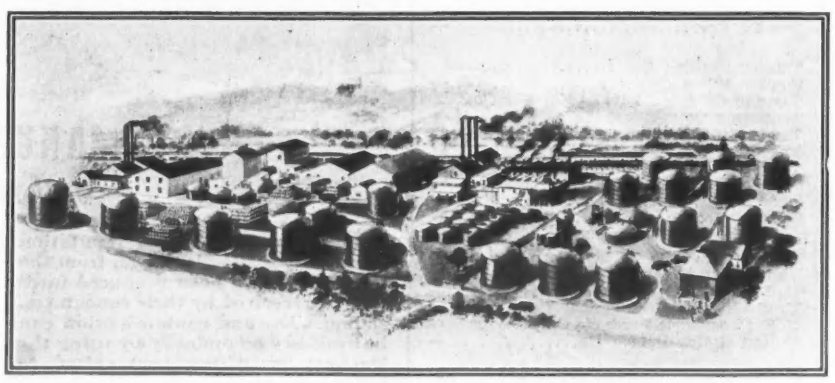

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